

# PUBLIC HEALTH REPORTS

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# CONTENTS.

## UNITED STATES.

Plague-prevention work:	Page.
San Francisco, Cal. ....	697
Berkeley, Cal. ....	697
Oakland, Cal. ....	697
Alameda County, Cal. ....	698
Monterey County, Cal. ....	698
San Benito County, Cal. ....	698
San Joaquin County, Cal. ....	698
San Luis Obispo County, Cal. ....	698
San Mateo County, Cal. ....	698
Santa Barbara County, Cal. ....	698
Santa Clara County, Cal. ....	698
Santa Cruz County, Cal. ....	699
Stanislaus County, Cal. ....	699
Smallpox in the United States:	
Reports received during week ended May 27. ....	699
Reports received from January 1 to May 20. ....	700
Morbidity and mortality:	
Weekly morbidity and mortality table, cities of the United States. ....	712
Morbidity and mortality, States and cities of the United States—Untabulated. ....	715

## FOREIGN AND INSULAR.

Reports from:	
Chile—	
Iquique—Plague conditions. ....	717
China—	
Amoy—Plague—Inspection of vessels. ....	717
Hongkong—Smallpox—Inspection of vessels. ....	717
Cuba—	
Cienfuegos—Inspection of vessels. ....	718
Habana—Inspection of vessels. ....	718
Matanzas—Inspection of vessels. ....	718
Santiago—Inspection of vessels. ....	719
Germany—	
Vaccination of emigrants at Bremen. ....	719
Hawaii—	
Honolulu—Plague-prevention work. ....	719
Further relative to smallpox on steamship Manchuria and U. S. S. Albatross. ....	719
Honduras—	
Puerto Cortez, fruit port—Sanitary conditions. ....	720
Italy—	
Naples—Examination of emigrants—Smallpox and typhus fever. ....	720

## Reports from—Continued.

	Page.
Japan—	
Yokohama—Typhoid fever in Japan—Inspection of vessels .....	721
Kobe—Inspection and fumigation of vessels—Smallpox .....	721
Mexico—	
Report from the Superior Board of Health .....	721
Coatzacoalcas—Inspection and fumigation of vessels .....	721
Peru—	
Callao—Inspection and fumigation of vessels .....	722
Philippine Islands—	
Manila—Cholera and smallpox—Inspection of vessels .....	722
Russia—	
Typhus fever—Examination of emigrants .....	723
Siam—	
Increase of plague at Bangkok .....	723
Zanzibar—	
Zanzibar—Examination of rats for plague-infection .....	724
Cholera, yellow fever, plague, and smallpox:	
Reports received during week ended May 27—	
Cholera .....	724
Yellow fever .....	724
Plague .....	724
Smallpox .....	724
Reports received from January 1 to May 20—	
Cholera .....	725
Yellow fever .....	726
Plague .....	726
Smallpox .....	728
Mortality:	
Mortality table, foreign and insular, cities .....	731
Mortality—Foreign and insular—Countries and cities—Untabulated .....	732

# PUBLIC HEALTH REPORTS.

VOL. XXV.

MAY 27, 1910.

No. 21.

## UNITED STATES.

REPORTS TO THE SURGEON-GENERAL, PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE.

### PLAGUE-PREVENTION WORK.

Passed Assistant Surgeon McCoy reports:

#### SAN FRANCISCO, CAL.

Last case of human plague sickened January 30, 1908. Last case of rodent plague trapped October 23, 1908. Total number of rats found infected to date, 398.

Week ended May 7, 1910. Premises inspected, 5,216. Houses destroyed, 4. Buildings condemned, 4. Nuisances abated, 61. Poisons placed, 6,500. Rats trapped, 2,263. Rats found dead, 40. Gophers trapped, 6. Rats identified, 2,303, as follows: *Mus norvegicus*, 1,779; *Mus rattus*, 79; *Mus musculus*, 351; *Mus alexandrinus* 94. Average number of traps set daily, 7,621. Examined bacteriologically, 1,678. No plague-infected rats found.

#### BERKELEY, CAL.

There is no record of rodent plague in Berkeley. The last case of human plague sickened August 28, 1907.

Week ended May 7, 1910. Rats trapped, 6. Rats identified, 6, all being *Mus norvegicus*. Rats examined bacteriologically, 6. No plague-infected rats found.

#### OAKLAND, CAL.

Last case of human plague sickened October 26, 1909. Last case of rodent plague found December 1, 1908.

Week ended May 7, 1910. Rats found dead, 22. Rats trapped, 595. Rats identified, 617, as follows: *Mus norvegicus*, 530; *Mus rattus*, 1; *Mus musculus*, 84; *Mus alexandrinus*, 2. Rats examined bacteriologically, 522.

**ALAMEDA COUNTY, CAL. (Exclusive of the city of Oakland).**

Last case of human plague sickened 2 miles southwest of Sunol September 26, 1909. Last case of rodent plague found March 25, 1910. To the present time 76 squirrels and 1 wood rat have been found infected.

Week ended May 7, 1910. No ground squirrels taken. Acres covered with poison, 23.

**MONTEREY COUNTY, CAL.**

No record of human or rodent plague in Monterey County.

Week ended May 7, 1910. Ranches inspected, 36. Ground squirrels shot, 760; found dead, 1. Ground squirrels examined bacteriologically, 758. No plague-infected squirrels found.

**SAN BENITO COUNTY, CAL.**

There is no record of human plague in San Benito County. A plague-infected rodent was found October 15, 1909.

Week ended May 7, 1910. Ranches inspected, 6. Ground squirrels shot, 35. Ground squirrels examined bacteriologically, 30. No plague-infected squirrels found.

**SAN JOAQUIN COUNTY, CAL.**

There is no record of human or rodent plague in San Joaquin County.

Week ended May 7, 1910. Ranches inspected, 105. Ground squirrels shot, 125. Ground squirrels examined bacteriologically, 116. No plague-infected squirrels found.

**SAN LUIS OBISPO COUNTY, CAL.**

There is no record of human plague in San Luis Obispo County. A plague-infected rodent was found January 29, 1910.

Week ended May 7, 1910. Ranches inspected, 12. Ground squirrels shot, 255. Ground squirrels examined bacteriologically, 248. No plague-infected squirrels found.

**SAN MATEO COUNTY, CAL.**

There is no record of human or rodent plague in San Mateo County.

Week ended May 7, 1910. Ranches inspected, 11. Ground squirrels shot, 151. Ground squirrels examined bacteriologically, 144. No plague-infected squirrels found.

**SANTA BARBARA COUNTY, CAL.**

There is no record of human or rodent plague in Santa Barbara County.

Week ended May 7, 1910. Ranches inspected, 4. Ground squirrels shot, 166. Ground squirrels examined bacteriologically, 162. No plague-infected squirrels found.

**SANTA CLARA COUNTY, CAL.**

There is no record of human plague in Santa Clara County. A plague-infected rodent was found November 3, 1909. Total number of ground squirrels found infected to date, 9.

Week ended May 7, 1910. Ranches inspected, 12. Ground squirrels shot, 381. Ground squirrels examined bacteriologically, 376. No plague-infected squirrels found.

#### SANTA CRUZ COUNTY, CAL.

There is no record of human plague in Santa Cruz County. A plague-infected rodent was found November 6, 1909.

Week ended May 7, 1910. Ranches inspected, 14. Ground squirrels shot, 55. Ground squirrels examined bacteriologically, 48. No plague-infected squirrels found.

#### STANISLAUS COUNTY, CAL.

There is no record of human or rodent plague in Stanislaus County.

Week ended May 7, 1910. Ranches inspected, 2. Ground squirrels shot, 85; found dead, 3. Ground squirrels examined bacteriologically, 88. No plague-infected squirrels found.

### SMALLPOX IN THE UNITED STATES.

#### Reports Received During Week Ended May 27, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Birmingham.....	May 1-15.....	4		
Mobile.....	May 1-14.....	11		
Montgomery.....	May 8-14.....	16		
California:				
Los Angeles.....	May 1-7.....	1		
Florida:				
Duval County.....	May 8-14.....	4		
Santa Rosa County.....	May 8-14.....	2		
Walton County.....	May 8-14.....	8		
District of Columbia	May 1-14.....	16		
Illinois:				
Bond County.....	Apr. 1-30.....	3		
Cass County.....	Apr. 1-30.....	6		
Cook County—				
Chicago.....	Apr. 1-30.....	3		
Fayette County.....	Apr. 1-30.....	3		
Henry County.....	Apr. 1-30.....	14		
Iroquois County.....	Apr. 1-30.....	2		
Madison County.....	Apr. 1-30.....	22		
Morgan County.....	Apr. 1-30.....	1		
Perry County.....	Apr. 1-30.....	2		
Tazewell County.....	Apr. 1-30.....	1		
White County.....	Apr. 1-30.....	1		
Indiana:				
Allen County.....	Apr. 1-30.....	14		
Clinton County.....	Apr. 1-30.....	2		
Daviess County.....	Apr. 1-30.....	3		
Delaware County.....	Apr. 1-30.....	2		
Gibson County.....	Apr. 1-30.....	3		
Grant County.....	Apr. 1-30.....	2		
Greene County.....	Apr. 1-30.....	1		
Knox County.....	Apr. 1-30.....	2		
Marshall County.....	Apr. 1-30.....	2		
Martin County.....	Apr. 1-30.....	6		
Miami County.....	Apr. 1-30.....	5		
Montgomery County.....	Apr. 1-30.....	1		
Orange County.....	Apr. 1-30.....	22		
St. Joseph County.....	Apr. 1-30.....	2		
Tipton County.....	Apr. 1-30.....	12		
Vermillion County.....	Apr. 1-30.....	8		
Vigo County.....	Apr. 1-30.....	4		
Wabash County.....	Apr. 1-30.....	1		
Louisiana:				
New Orleans.....	May 8-14.....	28		
Missouri:				
St. Louis.....	May 8-14.....	2		
Montana:				
Beaverhead County.....	Apr. 1-30.....	6		
Carbon County.....	Apr. 1-30.....	1		

## SMALLPOX IN THE UNITED STATES—Continued.

## Reports Received During Week Ended May 27, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Montana—Continued.</b>				
Cascade County.....	Apr. 1-30.....	3		
Custer County.....	Apr. 1-30.....	2		
Deerlodge County.....	Apr. 1-30.....	1		
Dawson County.....	Apr. 1-30.....	1		
Fergus County.....	Apr. 1-30.....	1		
Gallatin County.....	Apr. 1-30.....	1		
Lewis and Clark County.....	Apr. 1-30.....	3		
Meagher County.....	Apr. 1-30.....	2		
Missoula County.....	Apr. 1-30.....	1		
Park County.....	Apr. 1-30.....	1		
Rosebud County.....	Apr. 1-30.....	1		
Silverbow County.....	Apr. 1-30.....	7		
Butte.....	Apr. 1-30.....	27		
<b>Texas:</b>				
Houston.....	May 8-14.....	6		
<b>Virginia:</b>				
Lee County.....	Jan. 1-May 15.....	200	3	
Richmond.....	May 1-31.....	1		
<b>Washington:</b>				
Adams County.....	Mar. 1-31.....	6		
Asotin County.....	Mar. 1-31.....	1		
Chelan County.....	Mar. 1-31.....	1		
Island County.....	Mar. 1-31.....	1		
King County—				
Seattle.....	Mar. 1-31.....	2		
Kitsap County.....	Mar. 1-31.....	11		
Pacific County.....	Mar. 1-31.....	1		
Pierce County.....	Mar. 1-31.....	2		
Spokane County.....	Mar. 1-31.....	1		
Spokane.....	Mar. 1-31.....	20		
Walla Walla County.....	Mar. 1-31.....	1		
Whatcom County.....	Mar. 1-31.....	9		
Bellingham.....	Mar. 1-31.....	2	1	
Yakima County.....	Mar. 1-31.....	2		
<b>Wisconsin:</b>				
La Crosse.....	May 8-14.....	1		

## Reports Received from January 1 to May 20, 1910.

[For reports received from June 25, 1909, to December 31, 1909, see PUBLIC HEALTH REPORTS for December 31, 1909. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Alabama:</b>				
Birmingham.....	Jan. 9-Apr. 23.....	57		
Mobile.....	Jan. 16-Apr. 30.....	27		
Montgomery.....	Dec. 19-May 7.....	465	1	
Total for State.....		549	1	
<b>Arkansas:</b>				
Argenta.....	Jan. 22-Feb. 12.....	11		
Little Rock.....	Jan. 1-Mar. 12.....	92		
Lonoke.....	Jan. 6-20.....	2		
Monticello.....	Year 1909.....	60		
Total for State.....		165		
<b>California:</b>				
Berkeley.....	Dec. 26-Jan. 1.....	1		
Los Angeles.....	Jan. 12-Apr. 30.....	12		
Oakland.....	Dec. 26-Jan. 1.....	1		
Sacramento County.....	Jan. 1-31.....		1	
Sacramento.....	Dec. 12-Mar. 31.....	56		
San Francisco.....	Dec. 19-Apr. 23.....	27		
Total for State.....		97	1	
<b>Colorado, general.....</b>				
Mar. 1-Apr. 30.....			3	
Adams County.....	Mar. 1-Apr. 30.....	3		
Archuleta County.....	Apr. 1-30.....	1		
Bent County.....	Feb. 1-28.....	10		



## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to May 20, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Colorado—Continued.</b>				
Boulder County.....	Apr. 1-30.....	1		
Boulder.....	Dec. 19-25.....	1		
Chaffee County.....	Jan. 1-31.....	6		
Clear Creek County.....	Mar. 1-31.....	1		
Conejos County.....	Jan. 1-Apr. 30.....	68		
Delta County.....	Mar. 1-Apr. 30.....	2		
Denver County.....	Jan. 1-Apr. 30.....	64		
Fremont County.....	Feb. 1-28.....	14		
Garfield County.....	Jan. 1-31.....	1		
Gunnison County.....	Apr. 1-30.....	8		
Huerfano County.....	Jan. 1-Apr. 30.....	28		
Jefferson County.....	Feb. 1-Apr. 30.....	5		
La Plata County.....	Feb. 1-28.....	4		
Larimer County.....	Jan. 1-31.....	4		
Las Animas County.....	Jan. 1-Apr. 30.....	28		
Logan County.....	Jan. 1-Feb. 28.....	17		
Mesa County.....	Jan. 1-Apr. 30.....	6		
Fruita district.....	Dec. 26-Jan. 1.....	3		
Mineral County.....	Apr. 1-30.....	1		
Montrose County.....	Jan. 1-Apr. 30.....	87		
Morgan County.....	Jan. 1-Apr. 30.....	29		
Otero County.....	Jan. 1-Apr. 30.....	2		
Ouray County.....	Jan. 1-Feb. 28.....	13		
Pitkin County.....	Feb. 1-Mar. 31.....	9		
Prowers County.....	Mar. 1-31.....	9		
Pueblo County.....	Feb. 1-Apr. 30.....	5		
Rio Grande County.....	Feb. 1-Apr. 30.....	4		
Saguache County.....	Apr. 1-30.....	23		
San Miguel County.....	Jan. 1-31.....	1		
Summit County.....	Jan. 1-31.....	1		
Weld County.....	Jan. 1-Apr. 30.....	52		
Total for State.....		511	3	
<b>Delaware:</b>				
Reedy Island quarantine station.....	May 3-11.....	1	1	From s. s. Main from Bremen.
Total for State.....		1	1	
<b>District of Columbia.....</b>				
	Dec. 19-Apr. 30...	57		
Total for District.....		57		
<b>Florida:</b>				
Alachua County.....	Jan. 1-Apr. 23.....	4		
Citrus County.....	Mar. 27-Apr. 2.....	2		
Columbia County.....	Feb. 13-19.....	2		
Duval County.....	Jan. 1-May 7.....	28		
Jacksonville.....	Jan. 30-Mar. 12.....	4		
Escambia County.....	Feb. 6-May 7.....	77		
Pensacola.....	Feb. 20-26.....	1		
Franklin County.....	Apr. 24-30.....	2		
Gadsden County.....	Jan. 1-Apr. 30.....	6		
Hillsboro County.....	Jan. 1-31.....	1		
Jackson County.....	Mar. 20-26.....	19		
Jefferson County.....	Mar. 20-26.....	15		
Leon County.....	Feb. 20-Mar. 26.....	24		
Liberty County.....	Jan. 1-31.....	1		
Santa Rosa County.....	Mar. 20-May 7.....	20		
Volusia County.....	Mar. 6-Apr. 30.....	4		
Walton County.....	Jan. 1-Apr. 30.....	5		
Washington County.....	May 1-7.....	7		
Total for State.....		222		
<b>Georgia:</b>				
Columbus.....	Apr. 17-23.....	1	1	
Macon.....	Jan. 1-31.....	51		
Total for State.....		52	1	
<b>Illinois:</b>				
Alexander County.....	Jan. 1-31.....	6		
Bond County.....	Mar. 1-31.....	2		
Cass County.....	Feb. 1-Mar. 31.....	16		
Coles County.....	Jan. 1-Mar. 31.....	7		
Cook County—Chicago.....	Dec. 19-Mar. 31...	4		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to May 20, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Illinois—Continued.</b>				
Dupage County.....	Feb. 1-28.....			Present.
Edwards County.....	Jan. 1-Mar. 31.....	32		
Effingham County.....	Jan. 1-Feb. 28.....	82		
Fayette County.....	Jan. 1-Feb. 28.....	2		
Franklin County.....	Jan. 1-31.....	6		
Gallatin County.....	Feb. 1-28.....	2		
Iroquois County.....	Feb. 1-28.....	1		
Jackson County.....	Jan. 1-Feb. 28.....	3		
Jasper County.....	Feb. 1-28.....			Do.
Kane County.....	Jan. 1-31.....	1		
Livingston County.....	Feb. 1-Mar. 31.....	4		
Macon County.....	Jan. 1-31.....	1		
McLean County.....	Jan. 1-Mar. 31.....	2		
Madison County.....	Feb. 1-Mar. 31.....	6		
Marion County.....	Feb. 1-28.....	2		
Montgomery County.....	Jan. 1-Feb. 28.....	10		
Morgan County.....	Mar. 1-31.....	3		
Pike County.....	Feb. 1-28.....	2		
Pulaski County.....	Jan. 1-31.....	2		
Richland County.....	Mar. 1-31.....	1		
Sangamon County.....	Jan. 1-31.....	4		Do.
Shelby County.....	Jan. 1-Feb. 28.....	10		
Wabash County.....	Jan. 1-31.....			Do.
Wayne County.....	Jan. 1-31.....	5		
Williamson County.....	Jan. 1-Mar. 31.....	76		
Total for State.....		292		
<b>Indiana:</b>				
Adams County.....	Oct. 1-Feb. 28.....	6		
Allen County.....	Oct. 1-Jan. 31.....	187	1	
Boone County.....	Feb. 1-28.....	3		
Carroll County.....	Nov. 1-Jan. 21.....	2		
Clark County.....	Dec. 1-Jan. 31.....	20		
Clinton County.....	Dec. 1-Feb. 28.....	45		
Crawford County.....	Jan. 1-Feb. 28.....	2		
Daviess County.....	Nov. 1-Feb. 28.....	30		
Decatur County.....	Jan. 1-Feb. 28.....	5		
DeKalb County.....	Dec. 1-Apr. 2.....	4		
Delaware County.....	Oct. 1-Nov. 30.....	20		
Fountain County.....	Jan. 1-31.....	1		
Fulton County.....	Jan. 1-Apr. 2.....	12		
Grant County.....	Oct. 1-Apr. 2.....	42	1	
Greene County.....	Oct. 1-31.....	6		
Hamilton County.....	Jan. 1-31.....	4		
Henry County.....	Jan. 1-31.....	2		
Huntington County.....	Jan. 1-Apr. 2.....	4		
Jefferson County.....	Nov. 1-30.....	1		
Jennings County.....	Jan. 1-Apr. 2.....	10		
Knox County.....	Oct. 1-31.....	7		
Laporte County.....	Dec. 1-31.....	1		
Madison County.....	Jan. 1-Apr. 2.....	4		
Marion County.....	Dec. 1-Apr. 2.....	4		
Marshall County.....	Oct. 1-Apr. 2.....	82		
Martin County.....	Jan. 1-31.....	1		
Miami County.....	Jan. 1-Apr. 2.....	4		
Montgomery County.....	Jan. 1-31.....	2		
Noble County.....	Nov. 1-Jan. 31.....	2		
Randolph County.....	Oct. 1-Apr. 2.....	2		
St. Joseph County.....	Oct. 1-Apr. 2.....	24		
Shelby County.....	Dec. 1-Apr. 2.....	49		
Steuben County.....	Nov. 1-30.....	3		
Tippecanoe County.....	Dec. 1-Apr. 2.....	4		
Vanderburg County.....	Oct. 1-31.....	8		
Vigo County.....	Feb. 1-28.....	1		
Wabash County.....	Feb. 1-28.....	7		
Warren County.....	Nov. 1-30.....	1		
Warrick County.....	Feb. 1-28.....	1		
Washington County.....	Jan. 1-31.....	1		
Wayne County.....	Nov. 1-Jan. 31.....	1		
Total for State.....		615	2	
<b>Iowa, general.</b>				
Audubon County.....	Jan. 1-31.....	19		
Benton County.....	Mar. 1-Apr. 30.....	2		
Buchanan County.....	Mar. 1-Apr. 30.....	2		
Buena Vista County.....	Feb. 1-Mar. 31.....	9		
Calhoun County.....	Jan. 1-31.....	1		
Carroll County.....	Jan. 1-31.....	10		
Cass County.....	Mar. 1-31.....	1		
Cedar County.....	Jan. 1-Apr. 30.....	3		
	Jan. 1-Mar. 31.....	4		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to May 20, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Iowa—Continued.				
Cherokee County.....	Jan. 1-Apr. 30.....	26		
Clayton County.....	Jan. 1-31.....	1		
Clinton County.....	Mar. 1-Apr. 30.....	3		
Dallas County.....	Jan. 1-Apr. 30.....	8		
Delaware County.....	Feb. 1-28.....	4		
Dickinson County.....	Apr. 1-30.....	3		
Dubuque County.....	Jan. 1-Mar. 31.....	47		
Floyd County.....	Feb. 1-Apr. 30.....	3		
Grundy County.....	Feb. 1-28.....	4		
Guthrie County.....	Apr. 1-30.....	3		
Jasper County.....	Apr. 1-30.....	1		
Jefferson County.....	Mar. 1-31.....	1		
Jones County.....	Jan. 1-Feb. 28.....	3		
Keokuk County.....	Apr. 1-30.....	1		
Kossuth County.....	Apr. 1-30.....	2		
Linn County.....	Jan. 1-Apr. 30.....	9		
Cedar Rapids.....	Dec. 1-31.....	7		
Lyon County.....	Mar. 1-31.....	6		
Madison County.....	Jan. 1-Apr. 30.....	2		
Mahaska County.....	Apr. 1-30.....	7		
Marion County.....	Jan. 1-31.....	2		
Marshall County.....	Jan. 1-Feb. 28.....	5		
Mitchell County.....	Feb. 1-Apr. 30.....	3		
Monroe County.....	Jan. 1-Feb. 28.....	3		
Osceola County.....	Mar. 1-31.....	1		
Pocahontas County.....	Apr. 1-30.....	1		
Polk County.....	Jan. 1-Apr. 30.....	176		
Pottawattamie County.....	Jan. 1-31.....	1		
Poweshiek County.....	Jan. 1-Mar. 31.....	19		
Sac County.....	Apr. 1-30.....	4		
Scott County.....	Feb. 1-Apr. 30.....	7		
Sioux County.....	Jan. 1-Mar. 31.....	17		
Story County.....	Feb. 1-28.....	32		
Winnebago County.....	Feb. 1-28.....	5		
Winneshiek County.....	Apr. 1-30.....	2		
Woodbury County.....	Feb. 1-Apr. 30.....	4		
Sioux City.....	Dec. 1-31.....	2		
Wright County.....	Feb. 1-Mar. 31.....	2		
Total for State.....		478		
Kansas:				
Allen County.....	Jan. 1-Mar. 31.....	7		
Atchison County.....	Feb. 1-Mar. 31.....	10		
Atchison.....	Mar. 1-31.....	4		
Barton County.....	Jan. 1-31.....	1		
Bourbon County.....	Jan. 1-31.....	3		
Butler County.....	Feb. 1-Mar. 31.....	8		
Chautauqua County.....	Mar. 1-31.....	10		
Cherokee County.....	Jan. 1-Mar. 31.....	21		
Clark County.....	Mar. 1-31.....	5		
Clay County.....	Nov. 1-30.....	1		
Cloud County.....	Nov. 1-30.....	1		
Cowley County.....	Nov. 1-30.....	3		
Crawford County.....	Dec. 1-Mar. 31.....	5		
Pittsburg.....	Jan. 1-Mar. 31.....	9		
Decatur County.....	Nov. 1-Mar. 31.....	39		
Dickinson County.....	Jan. 1-Feb. 28.....	11		
Doniphan County.....	Mar. 1-31.....	12		
Douglas County.....	Dec. 1-Mar. 31.....	4		
Ellsworth County.....	Jan. 1-Feb. 28.....	18		
Finney County.....	Jan. 1-31.....	1		
Ford County.....	Jan. 1-Mar. 31.....	9	1	
Franklin County.....	Mar. 1-31.....	3		
Gove County.....	Dec. 1-31.....	3		
Graham County.....	Nov. 1-Feb. 28.....	47		
Gray County.....	Jan. 1-Feb. 28.....	25		
Greenwood County.....	Mar. 1-31.....	9		
Hamilton County.....	Jan. 1-31.....	2		
Harper County.....	Feb. 1-28.....	1		
Harvey County.....	Feb. 1-Mar. 31.....	5		
Jackson County.....	Dec. 1-Mar. 31.....	12		
Jefferson County.....	Feb. 1-28.....	2		
Jewell County.....	Nov. 1-Mar. 31.....	58		
Kearny County.....	Jan. 1-31.....	1		
Kingman County.....	Feb. 1-28.....	11		
Kiowa County.....	Jan. 1-31.....	2		
Labette County.....	Jan. 1-Mar. 31.....	9		
Parsons.....	Mar. 1-31.....	4		
Lane County.....	Nov. 1-30.....	1		
Leavenworth County.....	Dec. 1-Feb. 28.....	2		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to May 20, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Kansas—Continued.</b>				
Lincoln County.....	Mar. 1-31.....	1		
Logan County.....	Jan. 1-31.....	2		
Lyon County.....	Dec. 1-31.....	1		
McPherson County.....	Dec. 1-Jan. 31.....	3		
Marion County.....	Mar. 1-31.....	1		
Marshall County.....	Dec. 1-31.....	20		
Miami County.....	Jan. 1-31.....	3		
Montgomery County.....	Nov. 1-Mar. 31.....	180		
Coffeyville.....	Jan. 1-Feb. 28.....	36		
Nemaha County.....	Jan. 1-31.....	1		
Neosho County.....	Jan. 1-31.....	1		
Ness County.....	Dec. 1-Mar. 31.....	15		
Norton County.....	Nov. 1-Feb. 28.....	40		
Osage County.....	Jan. 1-Mar. 31.....	61		
Osborne County.....	Mar. 1-31.....	4		
Phillips County.....	Jan. 1-Mar. 31.....	11		
Pottawatomie County.....	Nov. 1-Mar. 31.....	36		
Pratt County.....	Feb. 1-28.....	1		
Rawlins County.....	Jan. 1-Mar. 31.....	25		
Reno County.....	Nov. 1-Feb. 28.....	151		
Republie County.....	Feb. 1-Mar. 28.....	5		
Rice County.....	Jan. 1-Feb. 28.....	8		
Riley County.....	Jan. 1-Feb. 28.....	18		
Rooks County.....	Feb. 1-28.....	2		
Rush County.....	Jan. 1-31.....	5		
Russell County.....	Jan. 1-Feb. 28.....	4		
Saline County.....	Dec. 1-Mar. 31.....	4		
Scott County.....	Nov. 1-Feb. 28.....	19		
Sedgwick County.....	Dec. 1-Mar. 31.....	10	1	
Wichita.....	Jan. 1-31.....	1		
Shawnee County.....	Dec. 1-Mar. 31.....	58		
Topeka.....	Nov. 1-Mar. 31.....	72		
Sheridan County.....	Nov. 1-Jan. 31.....	8		
Smith County.....	Jan. 1-Mar. 31.....	5		
Sumner County.....	Nov. 1-Mar. 31.....	14		
Thomas County.....	Jan. 1-31.....	1		
Wabaunsee County.....	Nov. 1-Mar. 31.....	4		
Wilson County.....	Nov. 1-Feb. 28.....	4		
Woodson County.....	Jan. 1-Feb. 28.....	28		
Wyandotte County.....	Dec. 1-Jan. 31.....	91		
Kansas City.....	Jan. 1-Mar. 31.....	76		
Total for State.....		1,409	2	
<b>Kentucky:</b>				
Hartford.....	Dec. 12-18.....	2		
Lexington.....	Dec. 12-Jan. 29.....	4		
Paducah.....	Jan. 5-11.....	1		
Total for State.....		7		
<b>Louisiana:</b>				
Caddo Parish—				
Shreveport.....	Jan. 23-Feb. 28.....	5	2	
Iberia Parish.....	Feb. 1-Mar. 31.....	9		
Natchitoches Parish.....	Feb. 1-28.....	6		
Orleans Parish—				
New Orleans.....	Dec. 26-May 7.....	192	1	
Morehouse Parish.....	Feb. 1-28.....	2		
St. John the Baptist Parish.....	Feb. 1-Mar. 31.....	44		
St. Tammany Parish.....	Mar. 1-31.....	6		
Tensas Parish.....	Feb. 1-Mar. 31.....	17		
West Feliciana Parish.....	Mar. 1-31.....	2		
Total for State.....		283	3	
<b>Maine:</b>				
Aroostook County—				
Caribou.....	Feb. 1-28.....	6		
Total for State.....		6		
<b>Maryland:</b>				
Baltimore.....	Dec. 26-Jan. 1.....	1		
Dorchester County.....	Dec. 3-31.....	4		
Garrett County.....	Jan. 8-31.....	1		
Prince George County—				
Fort Washington.....	Apr. 1-30.....	1		
Total for State.....		7		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to May 20, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Massachusetts:</b>				
Bristol County.....	Feb. 1-28.....	6		
Essex County.....	Jan. 1-Apr. 30.....	6		
Middlesex County.....	Jan. 1-Mar. 31.....	77		
Norfolk County.....	Mar. 1-31.....	1		
Lynn County.....	Jan. 1-31.....	4		
Plymouth County.....	Feb. 1-28.....	4		
Suffolk County.....	Jan. 1-Mar. 31.....	4		
Worcester County.....	Jan. 1-Mar. 31.....	23		
Total for State.....		125		
<b>Michigan:</b>				
Alcona County.....	Nov. 1-Mar. 31.....	31		
Alpena County.....	Mar. 1-31.....	1		
Antrim County.....	Nov. 1-Apr. 30.....	40		
Arenac County.....	Nov. 1-Apr. 30.....	146		
Barry County.....	Apr. 1-30.....	2		
Bay County.....	Nov. 1-Apr. 30.....	182		
Benzle County.....	Mar. 1-31.....	1		
Berrien County.....	Jan. 1-Apr. 30.....	32		
Calhoun County.....	Feb. 1-Apr. 30.....	11		
Cass County.....	Feb. 1-Apr. 30.....	5		
Cheboygan County.....	Mar. 1-31.....	7		
Clare County.....	Feb. 1-Apr. 30.....	12		
Delta County.....	Dec. 1-Mar. 31.....	2		
Eaton County.....	Feb. 1-Apr. 30.....	13		
Emmet County.....	Nov. 1-Feb. 28.....	4		
Genesee County.....	Nov. 1-Apr. 30.....	290		
Gladwin County.....	Nov. 1-Apr. 30.....	17		
Gratiot County.....	Nov. 1-Apr. 30.....	4		
Hillsdale County.....	Mar. 1-31.....	1		
Houghton County.....	Nov. 1-Apr. 30.....	61		
Huron County.....	Feb. 1-Apr. 30.....	44		
Ingham County.....	Dec. 1-Apr. 30.....	18		
Ionia County.....	Nov. 1-Apr. 30.....	43		
Iosco County.....	Dec. 1-Apr. 30.....	9	1	
Kent County.....	Dec. 1-Apr. 30.....	14		
Keweenaw County.....	Jan. 1-Mar. 31.....	4		
Lapeer County.....	Nov. 1-Apr. 30.....	36		
Livingston County.....	Nov. 1-Mar. 31.....	32		
Manistee County.....	Feb. 1-Apr. 30.....	11		
Marquette County.....	Nov. 1-30.....	1		
Mason County.....	Nov. 1-30.....	1		
Mecona County.....	Jan. 1-Apr. 30.....	31		
Midland County.....	Dec. 1-Feb. 28.....	11		
Missaukee County.....	Jan. 1-Apr. 30.....	35		
Montcalm County.....	Nov. 1-Mar. 31.....	14		
Montmorency County.....	Dec. 1-Mar. 31.....	38		
Oakland County.....	Jan. 1-Apr. 30.....	4		
Oceana County.....	Jan. 1-31.....	1		
Ogemaw County.....	Jan. 1-Apr. 30.....	58		
Ontonagon County.....	Nov. 1-Apr. 30.....	21		
Oscoda County.....	Dec. 1-Apr. 30.....	27		
Oshtemo County.....	Jan. 1-Feb. 28.....	7		
Otsego County.....	Dec. 1-31.....	1		
Ottawa County.....	Apr. 1-30.....	5		
Presque Isle County.....	Dec. 1-Apr. 30.....	10		
Roscommon County.....	Jan. 1-31.....	6		
Saginaw County.....	Dec. 1-Apr. 30.....	146		
St. Clair County.....	Jan. 1-Apr. 30.....	32		
Sanilac County.....	Nov. 1-Apr. 30.....	13		
Shiawassee County.....	Dec. 1-Apr. 30.....	11		
Tuscola County.....	Feb. 1-Apr. 30.....	29		
Wayne County.....	Dec. 1-Apr. 30.....	9		
Total for State.....		1,584	1	
<b>Minnesota, general:</b>				
Anoka County.....	Jan. 1-31.....		1	
Becker County.....	Feb. 1-28.....	5		
Beltrami County.....	Jan. 4-10.....	3		
Benton County.....	Dec. 21-Mar. 20.....	4		
Blue Earth County.....	Dec. 14-20.....	7		
Carlton County.....	Dec. 21-Apr. 17.....	2		
Carver County.....	Apr. 11-May 2.....	3		
Chippewa County.....	Dec. 7-Jan. 3.....	4		
Chisago County.....	Jan. 11-17.....	1		
Cook County.....	Feb. 15-Apr. 24.....	10		
Cottonwood County.....	Jan. 25-31.....	2		
Crow Wing County.....	Apr. 24-30.....	1		
	Mar. 1-20.....	5		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to May 20, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota—Continued.</b>				
Dakota County.....	Feb. 1-Mar. 20....	9		
Dodge County.....	Jan. 25-31.....	1		
Faribault County.....	Feb. 8-Apr. 24....	9		
Fillmore County.....	Apr. 18-30.....	12		
Freeborn County.....	Jan. 18-Mar. 6....	20		
Goodhue County.....	Dec. 28-Apr. 17....	2		
Hennepin County.....	Dec. 28-Apr. 30....	124		
Houston County.....	Feb. 8-14.....	4		
Hubbard County.....	Mar. 1-6.....	1		
Isanti County.....	Feb. 21-Apr. 17....	2		
Itasca County.....	Dec. 14-Feb. 28....	2		
Kandiyohi County.....	Dec. 7-Apr. 3.....	3		
Kittson County.....	Apr. 4-17.....	5		
Koochiching County.....	Feb. 1-Apr. 24....	7		
Lake County.....	Jan. 18-Apr. 17....	13		
Lac qui Parle County.....	Apr. 24-30.....	1		
Lesueur County.....	Jan. 1-31.....		1	
McLeod County.....	Mar. 7-13.....	1		
Martin County.....	Mar. 7-20.....	2		
Mower County.....	Dec. 28-Apr. 3....	31		
Nicollet County.....	Feb. 15-Mar. 13....	3		
Nobles County.....	Jan. 18-25.....	1		
Norman County.....	Jan. 18-Mar. 13....	3		
Olmsted County.....	Feb. 8-Apr. 3.....	2		
Ottertail County.....	Dec. 21-Mar. 6....	28		
Pipestone County.....	Apr. 18-24.....	2		
Pine County.....	Feb. 22-28.....	1		
Polk County.....	Dec. 7-Mar. 6.....	2		
Ramsey County.....	Jan. 11-Apr. 30....	30		
Red Lake County.....	Dec. 7-Mar. 20....	6		
Renville County.....	Dec. 7-13.....	1		
Rice County.....	Jan. 11-Apr. 30....	2		
Rock County.....	Dec. 7-Feb. 21....	22		
Roseau County.....	Dec. 7-Apr. 10....	42		
St. Louis County.....	Dec. 7-Apr. 17....	51		
Scott County.....	Mar. 21-27.....	1		
Sherburne County.....	Jan. 11-Mar. 27....	2		
Sibley County.....	Dec. 28-Feb. 28....	9		
Stearns County.....	Feb. 1-21.....	4		
Swift County.....	Feb. 8-Apr. 24....	6		
Todd County.....	Dec. 28-Mar. 20....	4		
Wabasha County.....	Dec. 13-Feb. 21....	29		
Wadena County.....	Feb. 1-Apr. 24....	17		
Washington County.....	Apr. 18-24.....	2		
Wilkin County.....	Feb. 15-21.....	1		
Watowan County.....	Dec. 28-Jan. 31....	1		
Winona County.....	Apr. 18-24.....	5		
Wright County.....	Dec. 7-Mar. 20....	46		
Yellow Medicine County.....	Feb. 22-28.....	9		
Total for State.....		626	2	
<b>Mississippi:</b>				
Adams County—				
Natchez.....	Dec. 26-Feb. 26....	90	2	
Claiborne County—				
Port Gibson.....	Dec. 19-25.....	1		
Coahoma County.....	Jan. 1-Apr. 1.....	80		
Harrison County—				
Biloxi.....	Jan. 2-Feb. 3.....	5		
Gulfport.....	Jan. 26-Mar. 9....	9		
Marshall County.....	Jan. 30-Apr. 30....	6	1	
Holly Springs.....	Jan. 2-29.....	6		
Wilkinson County—				
Woodville.....	Feb. 27-Mar. 19....	27	1	
Total for State.....		224	4	
<b>Missouri:</b>				
Andrew County.....	Jan. 23-Feb. 26....	5		
Joplin.....	Jan. 16-22.....	1		
Kahoka.....	Apr. 20-26.....	2		
Kansas City.....	Jan. 2-Apr. 30....	59	2	
St. Joseph.....	Jan. 2-Feb. 5.....	7		
St. Louis.....	Dec. 26-May 7....	42		
Springfield.....	Jan. 1-Mar. 31....	6		
Total for State.....		122	2	

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to May 20, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Montana:</b>				
Beaverhead County.....	Dec. 1-Feb. 28.....	5		
Broadwater County.....	Feb. 1-28.....	2		
Carbon County.....	Jan. 1-31.....	1		
Chouteau County.....	Jan. 1-31.....	6		
Custer County.....	Feb. 1-Mar. 31.....	2		
Dawson County.....	Nov. 1-Jan. 31.....	6		
Deerlodge County.....	Feb. 1-Mar. 31.....	2		
Flathead County.....	Oct. 1-Nov. 30.....	6		
Gallatin County.....	Dec. 1-Feb. 28.....	3		
Jefferson County.....	Nov. 1-30.....	1		
Lewis and Clark County.....	Oct. 1-Feb. 28.....	31		
Madison County.....	Jan. 1-Feb. 28.....	2		
Meagher County.....	Feb. 1-28.....	2		
Missoula County.....	Oct. 1-Mar. 31.....	79		
Park County.....	Nov. 1-Jan. 31.....	14		
Powell County.....	Nov. 1-Mar. 31.....	4		
Ravalli County.....	Nov. 1-Mar. 31.....	7		
Sanders County.....	Jan. 1-Mar. 31.....	8		
Silverbow County.....	Oct. 1-Mar. 31.....	199		
Butte.....	Dec. 19-Mar. 31.....	57		
Yellowstone County.....	Jan. 1-31.....	2		
Total for State.....		439		
<b>Nebraska:</b>				
Lincoln.....	Jan. 1-Feb. 28.....	5		
South Omaha.....	Dec. 5-11.....	3		
Total for State.....		8		
<b>New Hampshire (entire State)...</b>				
	Jan. 1-Feb. 28.....	7		
<b>New Jersey:</b>				
Bergen County.....	Feb. 1-28.....	1		
Hudson County.....	Mar. 1-31.....	1		
Passaic County.....	Jan. 1-31.....	1		
Trenton.....	Jan. 30-Feb. 5.....	1		
Total for State.....		4		
<b>New York, general.....</b>				
	Sep. 1-Nov. 30...	33	1	
Allegany County.....	Mar. 1-31.....	1		
Cattaraugus County.....	Dec. 1-31.....	1		
Cayuga County.....	Dec. 1-31.....	1		
Chautauqua County.....	Mar. 1-31.....	1		
Cortland County.....	Feb. 1-Mar. 28.....	1		
Erie County.....	Dec. 1-31.....	17		
Buffalo.....	Feb. 1-28.....	1		
Tonawanda, township.....	Mar. 1-31.....	1		
Tonawanda, city.....	Feb. 1-Mar. 31.....	23		
Herkimer County.....	Feb. 1-Mar. 31.....	24		
Jefferson County.....	Dec. 1-Mar. 31.....	9		
Lewis County.....	Dec. 1-Mar. 31.....	13		
Nassau County.....	Mar. 1-31.....	1		
Niagara County.....	Dec. 1-Jan. 31.....	40		
North Tonawanda.....	Feb. 1-Mar. 31.....	33		
Northfield.....	Mar. 1-31.....	1		
Oneida County.....	Dec. 1-Jan. 31.....	2		
St. Lawrence County.....	Jan. 1-Mar. 31.....	21		
Ulster County.....	Jan. 1-31.....	2		
Westchester County.....	Jan. 1-31.....	1		
Total for State.....		227	2	
<b>North Carolina:</b>				
Alamance County.....	Jan. 1-Feb. 28.....	86		
Beaufort County.....	Jan. 1-Feb. 28.....	11		
Bertie County.....	Jan. 1-31.....	6		
Bladen County.....	Nov. 1-Jan. 31.....	21		
Burke County.....	Jan. 1-31.....	20		
Cabarrus County.....	Jan. 1-Feb. 28.....	15		
Caldwell County.....	Jan. 1-Feb. 28.....	31		
Carteret County.....	Jan. 1-Feb. 28.....	3		
Catawba County.....	Oct. 1-Feb. 28.....	62		
Chatham County.....	Jan. 1-31.....	2		
Chowan County.....	Oct. 1-Feb. 28.....	17		
Cleveland County.....	Oct. 1-Feb. 28.....	4		
Craven County.....	Nov. 1-Feb. 28.....	10		
Currituck County.....	Oct. 1-Feb. 28.....	5		



## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to May 20, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>North Carolina—Continued.</b>				
Davidson County.....	Oct. 1-Feb. 28.....	50		
Davie County.....	Jan. 1-Feb. 28.....	29		
Duplin County.....	Nov. 1-Feb. 28.....	24		
Durham County.....	Jan. 1-31.....	3		
Edgecombe County.....	Jan. 1-Feb. 28.....	24		
Forsyth County.....	Oct. 1-Feb. 28.....	101		
Franklin County.....	Oct. 1-Feb. 28.....	185		
Gaston County.....	Nov. 1-Feb. 28.....	26		
Greene County.....	Nov. 1-Feb. 28.....	50		
Guilford County.....	Nov. 1-Feb. 28.....	112		
Iredell County.....	Jan. 1-Feb. 28.....	5		
Johnston County.....	Nov. 1-Jan. 31.....	23		
Jones County.....	Oct. 1-Nov. 30.....	12		
Lee County.....	Feb. 1-28.....	3		
Lenoir County.....	Jan. 1-Feb. 28.....	37		
Lincoln County.....	Jan. 1-Feb. 28.....	8		
McDowell County.....	Nov. 1-Feb. 28.....	75		
Mecklenburg County.....	Nov. 1-Feb. 28.....	102	1	
Nash County.....	Jan. 1-Feb. 28.....	125		Nov. 1-30, many cases.
New Hanover County.....	Feb. 1-28.....	1		
Onslow County.....	Jan. 1-Feb. 28.....	7		
Orange County.....	Feb. 1-28.....	2		
Pamlico County.....	Feb. 1-28.....	40		Jan. 1-31, present.
Perquimans County.....	Jan. 1-31.....	4		
Pitt County.....	Jan. 1-Feb. 28.....	70		
Randolph County.....	Jan. 1-31.....	2		
Richmond County.....	Feb. 1-28.....	1		
Robeson County.....	Oct. 1-Feb. 28.....	19		
Rockingham County.....	Nov. 1-Feb. 28.....	50		
Rowan County.....	Nov. 1-Feb. 28.....	21		
Rutherford County.....	Nov. 1-Feb. 28.....	61		
Sampson County.....	Jan. 1-Feb. 28.....	3		
Stokes County.....	Jan. 1-Feb. 28.....	160		
Surry County.....	Oct. 1-Feb. 28.....	16		
Union County.....	Oct. 1-Feb. 28.....	66		
Wake County.....	Nov. 1-Feb. 28.....	61		
Washington County.....	Feb. 1-28.....	2		
Wayne County.....	Nov. 1-Feb. 28.....	28		
Wilkes County.....	Jan. 1-Feb. 28.....	39		
Wilson County.....	Nov. 1-Feb. 28.....	224		
Yadkin County.....	Oct. 1-Feb. 28.....	11		
Yancey County.....	Oct. 1-Feb. 28.....	35		
Total for State.....		2,210	1	
<b>North Dakota:</b>				
Barnes County.....	Mar. 1-31.....	2		
Billings County.....	Jan. 1-Mar. 31.....	15	1	
Bottineau County.....	Oct. 1-Apr. 30.....	3		
Bowman County.....	Mar. 1-31.....	5		
Cass County.....	Dec. 1-Mar. 31.....	8		
Grand Forks County.....	Jan. 1-Apr. 30.....	5		
Griggs County.....	Mar. 1-Apr. 30.....	5		
McLean County.....	Dec. 1-Jan. 31.....	4		
Nelson County.....	Feb. 1-Mar. 31.....	16		
Steele County.....	Feb. 1-Apr. 30.....	10		
Stutsman County.....	Apr. 1-30.....	1		
Walsh County.....	Jan. 1-31.....	95		
Ward County.....	Apr. 1-30.....	4		
Wells County.....	Mar. 1-31.....	23		
Williams County.....	Feb. 1-28.....	6		
Do.....	Mar. 1-31.....	1		
Total for State.....		203	1	
<b>Ohio:</b>				
Allen County.....	Jan. 1-Apr. 30.....	47		
Adams County.....	Jan. 1-31.....	1		
Auglaize County.....	Feb. 1-Apr. 30.....	24		
Belmont County.....	Jan. 1-Feb. 28.....	7		
Brown County.....	Jan. 1-Feb. 28.....	19		
Clark County.....	Mar. 1-31.....	1		
Clermont County.....	Jan. 1-31.....	1		
Clinton County.....	Apr. 1-30.....	13		
Cuyahoga County—				
Cleveland.....	Dec. 19-26.....	1		
Darke County.....	Jan. 1-31.....	3		
Greene County.....	Apr. 1-30.....	9		
Franklin County.....	Jan. 1-Apr. 30.....	9		
Hamilton County.....	Jan. 1-Apr. 30.....	6		



## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to May 20, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Ohio—Continued.				
Jackson County.....	Jan. 1-Feb. 28.....	36		
Knox County.....	Feb. 1-28.....	1		
Lucas County.....	Apr. 1-30.....	4		
Miami County.....	Jan. 1-Apr. 30.....	3		
Marion County.....	Apr. 1-30.....	1		
Montgomery County.....	Jan. 1-Mar. 31.....	4		
Paulding County.....	Mar. 1-31.....	2		
Pickaway County.....	Apr. 1-30.....	3		
Portage County.....	Feb. 1-Mar. 31.....	30		
Richland County.....	Mar. 1-31.....	1		
Ross County.....	Jan. 1-Mar. 31.....	17		
Scioto County.....	Feb. 1-Mar. 31.....	4		
Seneca County.....	Feb. 1-28.....	3		
Shelby County.....	Jan. 1-Feb. 28.....	7		
Van Wert County.....	Jan. 1-Apr. 30.....	63		
Wayne County.....	Jan. 1-31.....	1		
Williams County—				
Stryker.....	Dec. 19-25.....	1		
Wyandot County.....	Feb. 1-28.....	4		
Total for State.....		326		
Oklahoma, general.....				
	Jan. 1-31.....	238	2	
	Feb. 1-28.....	388	28	
Atoka County.....	Mar. 1-31.....	5	1	
Beckham County.....	Mar. 1-31.....	16		
Blaine County.....	Mar. 1-31.....	2		
Bryan County.....	Mar. 1-31.....	6		
Caddo County.....	Mar. 1-31.....	7		
Choctaw County.....	Mar. 1-31.....	8		
Cleveland County.....	Mar. 1-31.....	1		
Comanche County.....	Mar. 1-31.....	29	2	
Custer County.....	Mar. 1-31.....	3		
Grady County.....	Mar. 1-31.....	5		
Grant County.....	Mar. 1-31.....	1		
Greer County.....	Mar. 1-31.....	1		
Harmon County.....	Mar. 1-31.....	2		
Hughes County.....	Mar. 1-31.....	23		
Johnston County.....	Mar. 1-31.....	4		
Kay County.....	Mar. 1-31.....	11	1	
Kingfisher County.....	Mar. 1-31.....	30		
Kiowa County.....	Mar. 1-31.....	2		
Le Flore County.....	Mar. 1-31.....	1		
Lincoln County.....	Mar. 1-31.....	1		
McLain County.....	Mar. 1-31.....	7		
McIntosh County.....	Mar. 1-31.....	12		
Marshall County.....	Mar. 1-31.....	3		
Muscogee County.....	Mar. 1-31.....	1		
Oklahoma County.....	Mar. 1-31.....	17	14	
Ocmulgee County.....	Mar. 1-31.....	1		
Payne County.....	Mar. 1-31.....	10		
Pittsburg County.....	Mar. 1-31.....	10		
Pontotoc County.....	Mar. 1-31.....	12		
Pottawatomie County.....	Mar. 1-31.....	42	2	
Pushmataha County.....	Mar. 1-31.....	6		
Roger Mills County.....	Mar. 1-31.....	3		
Rogers County.....	Mar. 1-31.....	2		
Seminole County.....	Mar. 1-31.....	8		
Sequoyah County.....	Mar. 1-31.....	5	1	
Stephens County.....	Mar. 1-31.....	50		
Texas County.....	Mar. 1-31.....	28		
Tillman County.....	Mar. 1-31.....	5		
Tulsa County.....	Mar. 1-31.....	7	2	
Wagoner County.....	Mar. 1-31.....	3	1	
Total for State.....		1,016	54	
Oregon (entire State).....				
Portland.....	Sept. 1-Feb. 28.....	118		
	Nov. 1-30.....	2		
Total for State.....		120		
Pennsylvania (entire State)....				
	Dec. 1-Mar. 31....	97		
South Carolina:				
Charleston.....	Apr. 1-30.....	3		
Clover.....	Jan. 23-29.....	3		
Total for State.....		6		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to May 20, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Tennessee:</b>				
Davidson County—				
Nashville.....	Feb. 20-Apr. 23....	7	.....	
Dekalb County.....	Dec. 12-Jan. 26....	10	.....	
Hamilton County—				
Chattanooga.....	Dec. 26-May 7.....	82	.....	
Knox County—				
Knoxville.....	Jan. 2-May 7.....	76	.....	
Shelby County.....	Nov. 1-Jan. 31....	28	.....	
Memphis.....	Nov. 1-Apr. 30....	225	.....	
Washington County.....	Dec. 26-Feb. 5....	11	.....	
Total for State.....		439	.....	
<b>Texas, general.</b>				
Amarillo.....	Jan. 1-Mar. 31....	1,818	8	
Austin.....	Jan. 16-22.....	16	.....	Present.
Atascosa County.....	Apr. 9-13.....	6	.....	
Denton County.....	Jan. 31-Feb. 19....	106	15	
El Paso.....	Dec. 26-Feb. 27....	16	1	
Fort Prairie.....	Nov. 1-Apr. 16....	16	1	Do.
Fort Worth.....	Apr. 1.....	64	7	
Galveston.....	Nov. 1-Mar. 31....	5	1	
Hale County.....	Feb. 6-Mar. 19....	7	.....	
Meridian.....	Jan. 9-15.....	1	.....	
Normanna.....	Apr. 24-30.....	12	5	
Rockdale.....	Jan. 1-31.....	3	.....	
San Antonio.....	Feb. 13-19.....	34	1	
Taylor.....	Dec. 5-Apr. 23....	2	.....	
Waco.....	Feb. 27-Mar. 19....	18	.....	
Walnut Springs.....	Jan. 1-Apr. 30....	2	.....	
Wills Point.....	Jan. 12-18.....	6	2	
Total for State.....	Jan. 1-Mar. 31....	2,116	41	
<b>Utah:</b>				
Boxelder County.....	Dec. 1-Feb. 28....	49	.....	
Cache County.....	Dec. 1-Feb. 28....	22	.....	
Carbon County.....	Dec. 1-Jan. 31....	6	.....	
Davis County.....	Dec. 1-Feb. 28....	44	.....	
Juab County.....	Jan. 1-Feb. 28....	20	.....	
Piute County.....	Dec. 1-31.....	1	.....	
Rich County.....	Jan. 1-Feb. 28....	2	.....	
Salt Lake County.....	Dec. 1-Feb. 28....	90	.....	
San Pete County.....	Dec. 1-Feb. 28....	10	.....	
Sevier County.....	Dec. 1-Feb. 28....	8	.....	
Summit County.....	Jan. 1-31.....	12	.....	
Tooele County.....	Dec. 1-31.....	1	.....	
Uintah County.....	Dec. 1-Feb. 28....	30	.....	
Utah County.....	Dec. 1-Feb. 28....	87	.....	
Wasatch County.....	Dec. 1-Feb. 28....	10	2	
Weber County.....	Dec. 1-Feb. 28....	36	.....	
Total for State.....		428	1	
<b>Virginia:</b>				
Brookneal.....	Apr. 10-16.....	1	.....	
Lynchburg.....	Jan. 30-May 7.....	56	1	
Norfolk.....	Apr. 19-May 3.....	6	.....	Apr. 19-May 3, 2 cases at Craney Island quarantine station from the s. s. Pocahontas.
Petersburg.....	Dec. 26-Jan. 26....	2	.....	
Portsmouth.....	Jan. 16-29.....	2	1	
Richmond.....	Dec. 1-Feb. 28....	7	.....	
Total for State.....		74	1	
<b>Washington:</b>				
Asotin County.....	Jan. 1-31.....	1	.....	
Chelan County.....	Feb. 1-28.....	1	.....	
Columbia County.....	Feb. 1-28.....	4	.....	
Cowlitz County.....	Feb. 1-28.....	2	.....	
Franklin County.....	Jan. 1-31.....	2	.....	
King County.....	Jan. 1-31.....	5	.....	
Seattle.....	Jan. 2-31.....	7	.....	
Kitsap County.....	Jan. 1-Feb. 28....	4	1	
Klickitat County.....	Jan. 1-31.....	15	.....	
Lewis County.....	Jan. 1-31.....	2	.....	
Lincoln County.....	Jan. 1-31.....	1	.....	
Okanogan County.....	Feb. 1-28.....	2	.....	

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from January 1 to May 20, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Washington—Continued.</b>				
Pierce County.....	Jan. 1-31.....	1		
Tacoma.....	Jan. 2-Feb. 28.....	4		
San Juan County.....	Jan. 1-31.....	1		
Skagit County.....	Jan. 1-Feb. 28.....	31		
Spokane County.....	Jan. 1-31.....	2		
Spokane.....	Dec. 19-Feb. 28.....	57		
Stevens County.....	Jan. 1-31.....	3		
Wallawalla County.....	Jan. 1-Feb. 28.....	29		
Whatecom County—				
Bellingham.....	Feb. 1-28.....	3	1	
Wahkiakum County.....	Dec. 1-31.....	8		
Whitman County.....	Jan. 1-Feb. 28.....	21		
Yakima County.....	Jan. 1-31.....	6		
Total for State.....		212	2	
<b>West Virginia:</b>				
Berkeley Springs.....	Dec. 27-Feb. 17....	6		
Wheeling.....	Jan. 30-Feb. 5.....	1		
Total for State.....		7		
<b>Wisconsin:</b>				
Ashland County.....	Mar. 1-Apr. 30.....	13		
Barron County.....	Apr. 1-30.....	1		
Buffalo County.....	Feb. 1-Mar. 31.....	5		
Chippewa County.....	Jan. 1-31.....	3		
Clark County.....	Jan. 1-Mar. 31.....	16		
Crawford County.....	Feb. 1-Mar. 31.....	17		
Dane County.....	Feb. 1-Mar. 31.....	14		
Dodge County.....	Mar. 1-31.....	2		
Douglas County.....	Jan. 1-Apr. 30.....	35		
Superior.....	Dec. 19-Jan. 1.....	6		
Fond du Lac County.....	Apr. 1-30.....	1		
Grant County.....	Feb. 1-28.....	1		
Jefferson County.....	Jan. 1-Feb. 28.....	19		
Juneau County.....	Jan. 1-31.....	1		
La Crosse County.....	Jan. 1-Mar. 31.....	20		
La Crosse.....	Dec. 19-Jan. 1.....	2		
Langlade County.....	Jan. 1-Feb. 28.....	3		
Manitowoc County.....	Mar. 1-Apr. 30.....	14		
Marathon County.....	Apr. 1-30.....	3		
Milwaukee County.....	Jan. 1-Apr. 30.....	21		
Milwaukee.....	Dec. 19-Jan. 1.....	2		
Monroe County.....	Apr. 1-30.....	3		
Polk County.....	Apr. 1-30.....	1		
Price County.....	Feb. 1-28.....	1		
Rock County.....	Mar. 1-31.....	2		
Walworth County.....	Feb. 1-28.....	1		
Winnebago County.....	Jan. 1-Mar. 31.....	3		
Total for State.....		211		
Grand total for the United States.....		15,582	126	

## MORBIDITY AND MORTALITY.

## WEEKLY MORBIDITY AND MORTALITY TABLE, CITIES OF THE UNITED STATES.

[For smallpox see special tables.]

Cities.	Week ended—	Esti- mated popu- lation, 1910.	Total deaths from all causes.	Tuber- culosis.		Ty- phoid fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Altoona, Pa.	May 14	50,814	14	1	1	1	1	1	1	1	1	4	3		
Ann Arbor, Mich.	do.	14,711	7	3	3							3	1		
Do.	May 7		8	5	12							1	3		
Baltimore, Md.	May 14	576,023	177	59	27	6	1	51	1	2	1	38	9	1	
Bath, Me.	do.	12,055													
Bayonne, N. J.	do.	49,894						6	1	3		4			
Beaver Falls, Pa.	do.	10,341	0							2		3			
Berkeley, Cal.	Apr. 30	19,700	10	2	1					2	2	9			
Biddeford, Me.	May 14	17,676	8	1	1					3		6			
Binghamton, N. Y.	do.	45,855	16	2	2	1				1		72	5		
Birmingham, Ala.	May 7	49,553	44	6	3	7		7		2		62	1	10	1
Do.	May 15		58	6	4	5		1		1		72	9	16	
Boston, Mass.	May 14	622,970	203	61	24	10		77	6	55	2	221	9	16	
Boulder, Colo.	do.		4	2				1				5			
Braddock, Pa.	Apr. 23	21,000	6	1				4		1		1	3		
Do.	Apr. 30		8	2	2			13				3			
Do.	May 7		4					1				3			
Do.	May 14		7	3				1	1	2	1	9			
Do.	Apr. 16		15	1	2			3	3	4	1	9		4	
Bridgeport, Conn.	May 14	90,913	34	5	4			8		3		1	1		
Brockton, Mass.	do.	53,978	18	6	1	4		1	1	1		2			
Butler, Pa.	do.	12,760	10	1								38	1	2	2
Cambridge, Mass.	do.	101,872	34	8	10	1		22	1	6	1	23		4	
Cambridge, Ohio.	do.	11,733	4	1								38			
Camden, N. J.	do.	89,305	14	1	1			3		6	2	5			1
Canton, Ohio.	do.	40,037	16		1			2	1	1					
Carbondale, Pa.	do.	15,698	6												
Charlotte, N. C.	do.	35,101	12	1				1				2			
Chattanooga, Tenn.	do.	34,654	1												
Chelsea, Mass.	do.	39,862	11					7		2		1			
Chicago, Ill.	do.	2,224,491	684	160	77	10	6	164	11	100	15	609	3	98	
Chicopee, Mass.	do.	20,010	8	1						2		12			
Cincinnati, Ohio.	do.	351,212	122	32	21	2		9		10	1	170	2	4	
Clinton, Mass.	do.	12,656	7	1											
Columbus, Ga.	do.	17,893	4												1
Columbus, Ohio.	do.	155,340	46	6	8	1				1	1	115		1	
Covington, Ky.	do.	51,715	9	1	2	1		2				39	1		
Danville, Ill.	do.	27,387	20	2	1			1			1	16			
Dayton, Ohio.	do.	108,688	38	3	3			3		2		14			
Detroit, Mich.	May 7.	384,855	169		1			30	2	6	2				
Do.	May 14.		136			1		22		11					
Dunkirk, N. Y.	do.	18,061	4	1						1		10			
Elizabeth, N. J.	do.	67,470	22		3			11		3		9			
Elmira, N. Y.	do.	35,765	10		1			5				2			
Elyria, Ohio.	May 7.	11,653	5	1	1							5			
Do.	May 14.		2									11			
Evansville, Ind.	do.	66,948	21	3	5	1	2			1		251		1	
Everett, Mass.	do.	32,931	8	2	1			9				9			
Fall River, Mass.	do.	106,481	32	9	5	2		1		3		13			
Freeport, Ill.	do.	19,200	2					1				1			
Galesburg, Ill.	do.	21,615	8					2		1					
Gloucester, Mass.	do.	25,923	3												
Grand Rapids, Mich.	do.	105,909	35	2	4	1		19	1		1	14		2	
Greensboro, N. C.	May 14.	16,081	9		1					1					
Harrison, N. J.	do.	14,604	3												
Hartford, Conn.	May 7	103,808	33	4	2	1		7		2		25	1		
Do.	May 14		34	9	4	2		2		6		9			
Haverhill, Mass.	do.	38,354	20	3	2			1		4	1	11			
Houston, Texas.	do.	63,625	30		2		2			1	1				
Hyde Park, Mass.	do.	15,522	5	1				2							
Jacksonville, Fla.	do.	40,798	31		19	3						2			
Jersey City, N. J.	do.	253,711	75		6			26	1	16		29		3	
Kalamazoo, Mich.	do.	36,504	6	3				4				2			
Kansas City, Kans.	do.	85,742	1	3	1	2		8		4	1	7			
Kearny, N. J.	do.	15,765	4		1			2	1	1					
Kingston, N. Y.	May 7	26,110	6		1			1		1					
Knoxville, Tenn.	May 14	37,758	12		4							1			
Lebanon, Pa.	do.	20,295	3	4				3							

a Estimated population, 1906.

## MORBIDITY AND MORTALITY—Continued.

Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Week ended—	Estimated population, 1910.	Total deaths from all causes.	Tuberculosis.		Typhoid fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Kingston, N. Y.	May 14	26,110	8												
Lackawanna, N. Y.	May 7		7		1			2				8			
Do.	May 14		11		1							9	1		
La Crosse, Wis.	Do.	29,224	5			1		4		1		1			
La Fayette, Ind.	Do.	19,801	5			2						7			
Lancaster, Pa.	Do.	49,962	20	1	3			2				35			
Lawrence, Mass.	Do.	76,042	25	4	4			1		6	1	16	1		
Lexington, Ky.	Do.	30,090	18		2			1				61		1	
Los Angeles, Cal.	May 7	<sup>a</sup> 103,000	95	23		3	1	9		10		28	1	4	
Lowell, Mass.	May 14	95,125	37	2	3			12	2	4		30			1
Lynchburg, Va.	Do.	29,457										1		2	
Lynn, Mass.	Do.	83,865	21	1	2			13	1	5		86			
Malden, Mass.	Do.	41,535	9	4		1		12		1		16			
Manchester, N. H.	Do.	68,561	22	2	2							3			
Manistee, Mich.	Do.	10,788						3				8			
Marinette, Wis.	Do.	14,682	5					2		1					
Marlboro, Mass.	Do.	14,444	4			1		1				3			
Massillon, Ohio.	May 7	13,610	1			1				1					
Do.	May 14		2									2			
McKeesport, Pa.	Apr. 9	47,677	12		1			3	1			27			
Do.	Apr. 16		19		1	2	1	4				51			
Do.	Apr. 23		10		2	1		7	2	1		28			
Do.	Apr. 30		24		2	2		18	4	2		58	1		
Medford, Mass.	May 14	20,839	4	1				8		6		11			
Memphis, Tenn.	May 7	136,363	36	4	4			2		3					
Do.	May 14			4	5			6		4					
Milwaukee, Wis.	Do.	332,495	120	15	8	22	3	53	3	17	2	160		6	1
Moline, Ill.	Do.	23,081	9				2	1							
Montclair, N. J.	May 7	18,296	6	1	2	2		6				2			
Do.	May 14		4					4		1		1			
Montgomery, Ala.	Do.	43,927	11		1									3	
Monticello, Ind.	Do.	12,849	0												
Morristown, N. J.	May 7	12,849	10			1		1				4			
Mount Vernon, N. Y.	May 14	27,891		1		1		1		1	1	2			
Muncie, Ind.	Do.	30,266	0			1		6		1		17			
Muskegon, Mich.	Do.	20,995										5		2	
Nanticoke, Pa.	May 15	13,980	7					3		3					
Nashville, Tenn.	May 14	106,476	36	9	6	3		6		1		7			
Nebraska City, Nebr.	Do.		1									12		8	
Newark, N. J.	Do.	308,669	112	9	21	2		63		38	2				1
New Bedford, Mass.	Do.	83,898	39	4	2	4		2	1	1		11			
Newburyport, Mass.	Do.	14,832	13							1		3			
New Orleans, La.	Do.	327,662	155	24	18	8	2	24	4	14	1	160	4		1
Newport, Ky.	Do.	31,345	11		3			1	1	1					
Newton, Mass.	Do.	34,419	8	1	1							6			
New York, N. Y.	Do.	4,450,963	1,486	630	169	32	3	596	26	455	45	1,296	29	33	6
Niagara Falls, N. Y.	Do.	32,012	12					3	1	2		24			
Norristown, Pa.	Do.	24,491	8							1		4			
North Adams, Mass.	Do.	20,510	11												
Northampton, Mass.	Do.	21,008	4	1				1		1	1	9			
Oakland, Cal.	May 7	<sup>b</sup> 73,812	26	2	3	1		3				3			
Oklahoma City, Okla.	Apr. 9	45,380	11	3	2	4	1	3		1		24			
Do.	Apr. 23		24		2		2	4		3		26	1		
Do.	Apr. 30		13	1	1	2	1	2		2		50	1		
Do.	May 16		21		1			1		1		3			
Orange, N. J.	May 14	27,669	9	5	3			6		1		3			
Ottumwa, Iowa.	May 7	21,648	5												
Palmer, Mass.	May 14		0												
Philadelphia, Pa.	Do.	1,491,682	128	60	27	3	37	4	66	12	273	6	61	13	
Pittsfield, Mass.	Do.	27,589	15		1					1					
Pittsburg, Pa.	Do.	558,123	174	29	10	17	2	35	2	14	1	152	5	7	
Plainfield, N. J.	Do.	29,947	8							2					
Plymouth, Pa.	May 7	17,524		3		1		1		1					
Do.	May 14							1		1		1			
Portland, Me.	Apr. 23	57,675	26		3	2	1	1		1		3			
Do.	Apr. 30		19		3	4		4		3		6			
Portsmouth, N. H.	May 14	11,336					1			2	1				
Portsmouth, Va.	Do.	19,225	11					1				3			
Pottstown, Pa.	Do.		8					4		1		7			
Providence, R. I.	Do.	217,065	53	26	2	4		9		9	2	2	1		

<sup>a</sup> Population, 1900.<sup>b</sup> Estimated population, 1906.

## MORBIDITY AND MORTALITY—Continued.

Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Week ended—	Estimated population, 1910.	Total deaths from all causes.	Tuberculosis.		Typhoid fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Racine, Wis.....	May 14	34,840	13	1	1	2	1	1	1	3	54	16	2		
Reading, Pa.....	May 16	97,231	27	1	4	5	18	1	3	1	16	1	1		
Rock Island, Ill.....	May 14	24,766	10	1	1	2	2	1	1	1	3	1	1		
Sacramento, Cal.....	May 7	31,889	11	1	1	1	1	1	1	3	3	1	1		
St. Louis, Mo.....	May 14	686,369	221	33	26	4	1	80	4	13	80	1	42	2	
San Antonio, Tex.....	do.....	67,404	11	3	3	1	1	1	1	1	3	1	1		
San Francisco, Cal.....	May 7	342,782	110	29	17	5	5	5	9	35	1	10			
Saratoga Springs, N. Y.....	do.....	13,471	6	1	1	1	1	1	1	51	1				
Schenectady, N. Y.....	May 14	73,037	18	8	1	2	1	1	1	6	1	21			
Seattle, Wash.....	May 7	80,671	51	6	7	1	14	4	4	48	1	21			
Somerville, Mass.....	May 14	75,375	19	5	2	15	6	6	30	1					
South Bend, Ind.....	do.....	49,321	11	3	6	8	1	1							
South Bethlehem, Pa.....	do.....	15,886	6	3	1	1	1	1	8	19	2				
Spokane, Wash.....	May 7	47,006	21	1	1	5	1	4	52	1					
Springfield, Mass.....	May 14	82,724	30	1	1	6	1	8	1	1					
Steeleton, Pa.....	Apr. 14	14,769	3	2	2	6	6	3	1						
Superior, Wis.....	May 14	40,919	14	1	1	6	3	3	7	1					
Tacoma, Wash.....	May 7	37,714	21	3	5	1	1	1	113	1					
Taunton, Mass.....	May 14	30,926	16	3	2	1	1	2	1						
Terre Haute, Ind.....	do.....	55,509	25	1	1	1	1	2	1						
Titusville, Pa.....	do.....	8,397	2	1	4	1	1	1	1						
Topeka, Kans.....	do.....	44,757	0	2	6	1	14	1	11	1					
Trenton, N. J.....	do.....	92,878	3	6	5	1	1	1	12	1					
Utica, N. Y.....	do.....	69,458	32	5	1	1	1	1	1						
Walla Walla, Wash.....	do.....	15,784	3	2	5	5	2	2	1						
Waltham, Mass.....	do.....	28,522	6	2	1	1	1	1	3	10	1				
Washington, D. C.....	May 7	322,212	102	27	15	12	1	16	1	8	3	10	1		
Do.....	May 14		112	19	13	5	1	21	13	9	24	3	1		
Warren, Pa.....	May 9	11,838	4	3	3	1	1	1	10	3	1				
Do.....	May 16		3	3	3	1	1	1	16	10					
Wheeling, W. Va.....	May 7	42,799	20	3	3	1	1	2	1	10	7	2			
Do.....	May 14		13	6	1	1	2	1	10	21	7	5			
Wichita, Kans.....	do.....	39,612	14	4	1	8	1	1	98	30	4				
Wilkes-Barre, Pa.....	do.....	64,323	16	4	1	1	1	1	32	21	4	3	1		
Wilkesburg, Pa.....	do.....	19,999	4	2	1	1	1	1	31	6	3	1			
Williamsport, Pa.....	do.....	30,220	7	3	2	1	1	1	14	16	1	2			
Wilmington, Del.....	do.....	88,980	22	3	1	1	1	1	16	10	1	2			
Woburn, Mass.....	do.....	14,520	4	2	5	1	8	8	31	21	4	3	1		
Worcester, Mass.....	May 7		39	4	3	1	2	8	1	31	3	1			
Do.....	May 14		41	11	3	1	2	8	1	31	3	1			
Yonkers, N. Y.....	Apr. 9		20	3	7	1	11	2	6	4	9	14			
Do.....	Apr. 16		26	1	4	1	15	4	3	4	9	14			
Do.....	Apr. 23		10	11	1	18	5	2	14	16					
Do.....	Apr. 30		18	2	1	16	2	2	16						
Do.....	May 7		22	7	3	10	1	1	2	16					
Zanesville, Ohio.....	May 14	25,614	8	8	8										

• Estimated population, 1906.



## STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES OF THE UNITED STATES (untabulated).

CALIFORNIA—*San Diego*.—Month of April, 1910. Population, 45,000. Total number of deaths from all causes 55, including tuberculosis 7. Cases reported: Measles 11, diphtheria 2, tuberculosis 1.

COLORADO.—Three months ended March 31, 1910. Population, 539,700. Total number of deaths from all causes 2,804, including typhoid fever 33, smallpox 1, measles 13, scarlet fever 36, diphtheria 48, tuberculosis 475. Cases reported: Typhoid fever 232, smallpox 393, scarlet fever 575, diphtheria 292.

CONNECTICUT.—Month of April, 1910. Population, 1,053,350. Total number of deaths from all causes 1,499, including typhoid fever 6, measles 8, scarlet fever 16, diphtheria 16, tuberculosis (pulmonary) 149. Cases reported: Typhoid fever 22 cases in 12 towns, measles 353 in 58 towns, scarlet fever 431 in 56 towns, diphtheria 153 in 42 towns, tuberculosis (pulmonary) 155 in 40 towns.

FLORIDA—*Tampa*.—Month of April, 1910. Population, 15,839. Total number of deaths from all causes 58, including tuberculosis 8. Cases reported: Typhoid fever 2, measles 4, scarlet fever 2, diphtheria 7, tuberculosis 2.

IOWA—*Davenport*.—Month of April, 1910. Population, 42,000. Total number of deaths from all causes 27. Cases reported: Smallpox 2, scarlet fever 6, diphtheria 17.

KENTUCKY—*Louisville*.—Month of April, 1910. Population, 204,700. Total number of deaths from all causes 341, including typhoid fever 1, scarlet fever 7, diphtheria 2, tuberculosis 47. Cases reported: Typhoid fever 8, scarlet fever 47, diphtheria 16.

LOUISIANA—*Shreveport*.—Month of April, 1910. Population, 30,000. Total number of deaths from all causes 56 (resident 32, nonresident 24), including typhoid fever 5, tuberculosis 14 (resident 9, nonresident 4).

MAINE—*Portland*.—Month of April, 1910. Population, 62,000. Total number of deaths from all causes 89, including typhoid fever 1, tuberculosis 12. Cases reported: Typhoid fever 9, scarlet fever 12, diphtheria 7.

MARYLAND.—Month of March, 1910. Population, 1,190,050. Total number of deaths from all causes 828, including typhoid fever 15, measles 6, scarlet fever 2, diphtheria 10, tuberculosis 99. Cases reported: Typhoid fever 77, measles 168, scarlet fever 73, diphtheria 27. The typhoid fever cases were distributed as follows: Potomac River watershed 35 cases, Patapsco River watershed 17, Patuxent River watershed 2 cases, Herring Run watershed 1 case, Gunpowder River watershed 1 case.

MASSACHUSETTS—*Somerville*.—Year 1909. Population, 75,500. Total number of deaths from all causes 988, including typhoid fever 8, measles 3, scarlet fever 9, diphtheria 27, tuberculosis 90. Cases reported: Typhoid fever 99, smallpox 1, scarlet fever 320, diphtheria 334.

OKLAHOMA.—Month of March, 1910. Population, 398,331. Total number of deaths from all causes 1,072, including typhoid fever 16, smallpox 24, scarlet fever 13, diphtheria 14, tuberculosis 82. Cases reported: Typhoid fever 155, smallpox 390, scarlet fever 90, diphtheria 109.

VIRGINIA—*Charlottesville*.—Month of April, 1910. Population, 6,449. Total number of deaths from all causes 6, including tuberculosis 1. Cases reported: Typhoid fever 5, tuberculosis 3.

*Richmond*.—Month of March, 1910. Population, 117,318 (white, 74,227; colored 43,091). Total number of deaths from all causes 198 (white 101, colored 97), including tuberculosis 26 (white 11, colored 15). Cases reported: Typhoid fever 10, smallpox 1, measles 348, scarlet fever 7, diphtheria 8.



## FOREIGN AND INSULAR.

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### CHILE.

#### IQUIQUE—Plague Conditions.

Consul Hanna reports, April 12:

During the three months ended March 31, 1910, there were 69 cases of plague, with 21 deaths at Iquique.

Bubonic plague is endemic at Iquique, the number of cases increasing in the months of March, April, and May, the season of humidity between the hot weather of December, January, and February and the succeeding season of cold weather when the disease again declines. The percentage of deaths from plague is not high except among the poorer classes. Disinfection of infected houses is carried out and effects are burned or disinfected.

Rats are numerous in Iquique, and although measures of extermination are applied on request of householders the construction of the wooden houses in the city prevents an effective campaign for rat destruction.

### CHINA.

#### AMOY—Plague—Inspection of Vessels.

Acting Assistant Surgeon Moorhead reports, April 12 and 21:

During the week ended April 16, a death from pneumonic plague occurred in the international settlement of Kulangsu. The patient was a foreign physician who acquired the infection from a fatal case of pneumonic plague in a Chinese, which he had been attending. The physician died on the fourth day of illness. Examination of the sputum showed plague bacilli. All persons in immediate attendance on this case were inoculated with Haffkine serum. No further cases have developed.

Week ended April 9. Supplemental bill of health issued to steamship *Kaifong*, for Cebu and Manila, with 57 in crew and 29 cabin and 21 steerage passengers. Week ended April 16. Bill of health issued to steamship *Yingchow*, for Manila, with 53 in crew and 11 cabin and 91 steerage passengers. All passengers on these vessels were vaccinated. The crews were bathed, and their clothing was disinfected with steam. All were examined immediately prior to sailing. Two passengers by the steamship *Yingchow* were held for trachoma. Manifests were viséed for 164 and 218 packages of freight, respectively.

#### HONGKONG—Smallpox—Inspection of Vessels.

Passed Assistant Surgeon Foster reports, April 5 and 12:

Quarantine restrictions enforced by and against Hongkong remain as reported March 26.

During the week ended April 9, 3 cases of smallpox with 2 deaths were reported.

## INSPECTION AND DISINFECTION OF VESSELS.

*Week ended April 2.*

Vessels granted bills of health.....	10
Total members of crews.....	814
Total cabin passengers.....	219
Total steerage passengers.....	208
Members of crews bathed.....	444
Steerage passengers bathed.....	198
Pieces of baggage disinfected.....	643
Vessels disinfected to kill rats.....	0
Crews' quarters disinfected:	
With formaldehyde.....	6
With sulphur.....	0

*Week ended April 9.*

Vessels granted bills of health.....	5
Total members of crews.....	328
Total cabin passengers.....	40
Total steerage passengers.....	15
Members of crews bathed.....	284
Steerage passengers bathed.....	13
Pieces of baggage disinfected.....	300
Vessels disinfected to kill rats.....	0
Crews' quarters disinfected:	
With formaldehyde.....	5
With sulphur.....	0

**CUBA.****CIENFUEGOS—Inspection of Vessels.**

Acting Assistant Surgeon Suarez reports, May 11:

Week ended May 7. Vessels inspected, 8. Bills of health issued, 8. Members of crews of outgoing vessels inspected, 21. No quarantinable disease reported.

**HABANA—Inspection of Vessels.**

Passed Assistant Surgeon de Valin reports, May 11 and 17:

Week ended May 7. Bills of health issued, 29. Vessels inspected and passed, 23. Members of crews of outgoing vessels inspected, 904. Passengers of outgoing vessels inspected, 910. Vaccination certificates issued, 21.

Week ended May 14. Bills of health issued, 26. Vessels inspected and passed, 20. Members of crews of outgoing vessels inspected, 846. Passengers of outgoing vessels inspected, 536.

The department of sanitation reports 20,858 houses inspected and 25,599 water deposits petrolized or suppressed during the 10 days ended May 10.

No quarantinable diseases reported.

**MATANZAS—Inspection of Vessels.**

Acting Assistant Surgeon Nuñez reports, May 16:

Week ended May 14. Bills of health issued to 10 vessels clearing for United States ports. No quarantinable diseases reported.

The department of sanitation reports 2,946 houses inspected during the 10 days ended May 10.

**SANTIAGO—Inspection of Vessels.**

Acting Assistant Surgeon Wilson reports, May 12:

Week ended May 7. Bills of health issued to 5 vessels bound for the United States and its dependencies. No case of quarantinable disease was reported.

The sanitary department reports 2,979 houses inspected.

**GERMANY.****Vaccination of Emigrants at Bremen.**

The following information was received from the Department of State under date of May 17:

The consul at Bremen stated in a communication dated April 14 that all emigrants leaving that port were vaccinated.

**HAWAII.**

The last case of human plague at Honolulu occurred July 17, 1907. The last plague-infected rat was found at Aiea, 9 miles from Honolulu, April 13, 1910.

At Hilo the last case of human plague occurred March 23, 1910. The last plague-infected rat was found at Pihiuona, 4 miles from Hilo.

Passed Assistant Surgeon Ramus reports, May 2:

**HONOLULU—Plague-prevention Work.**

*Week ended April 30, 1910.*

Total rats taken.....	843
Trapped.....	843
Found dead.....	0
Examined bacteriologically.....	732
Plague rats.....	0
Classification of rats trapped:	
<i>Mus alexandrinus</i> .....	75
<i>Mus musculus</i> .....	353
<i>Mus norvegicus</i> .....	113
<i>Mus rattus</i> .....	302
Average number of traps set daily.....	1,738

**Further Relative to Cases of Smallpox on Steamship Manchuria and U. S. S. Albatross.<sup>a</sup>**

Doctor Ramus reported April 28:

The steamship *Manchuria* arrived at Honolulu April 8 from Yokohama with a case of smallpox on board in the person of a steerage passenger from Hongkong. The case developed 11 days out from Hongkong. The patient was isolated with an attendant who had had smallpox, and all on board were vaccinated. On arrival at Honolulu the *Manchuria* was taken to the quarantine wharf, and the patient, with his effects and nurse, was transferred to the isolation ward of the quarantine station hospital. The effects of all steerage passengers were disinfected and the steerage compartments were fumigated with sulphur. No new case of smallpox developed.

The U. S. S. *Albatross* arrived at Honolulu from Yokohama April 15 with a case of smallpox in the person of a seaman. The case developed 5 days previous to arrival at Honolulu and the patient

<sup>a</sup> See Public Health Reports, April 15, 1910, page 490, and April 22, 1910, page 529.

was isolated on board with an attendant. On arrival the vessel was taken to the quarantine station, the patient was removed, and the entire personnel were vaccinated. The crew were held in quarantine while in port. They were bathed and their clothing was disinfected. The hospital and quarters of crew were disinfected.

#### HONDURAS.

##### PUERTO CORTEZ, Fruit Port—Sanitary Conditions.

Acting Assistant Surgeon Stowe reports, May 10:

The sanitary condition of the port and surrounding country is good and there are no quarantinable diseases present. The work of draining and filling in the town has been discontinued since last year.

There are about 200 overground cisterns in use, the majority of which are either unscreened or ineffectually screened. A few householders oil their cisterns. Mosquitoes are not numerous, those present being for the most part *Culex*.

#### ITALY.

##### NAPLES—Examination of Emigrants—Smallpox and Typhus Fever.

Surgeon Geddings reports, May 2:

*Vessels inspected at Naples week ended April 30.*

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Apr. 26	Venezia.....	New York.....	1,419	205	1,559
27	Romanic.....	Boston.....	1,068	150	1,380
27	Duca degli Abruzzi.....	New York.....	1,281	160	1,280
27	Carpathia.....	do.....			
28	Verona.....	Philadelphia.....	1,899	180	1,820
29	Prinzess Irene.....	New York.....	1,235	115	1,450
29	Virginia.....	do.....	914	90	1,270
30	Lombardia.....	do.....	608	60	820
	Total.....		8,424	960	9,570

##### *Rejections recommended.*

Date.	Name of ship.	Tra-choma.	Favus.	Sus-pected tra-choma.	Sus-pected favus.	Other causes.	Total.
Apr. 26	Venezia.....	21	4	10		9	44
27	Romanic.....	6	5	11		3	25
27	Duca degli Abruzzi.....	19	4	10		11	44
27	Carpathia.....						
28	Verona.....	20	3	10		14	47
29	Prinzess Irene.....	13	2	5	1	11	32
29	Virginia.....	19	7	7		1	34
30	Lombardia.....	14	2	2		2	20
	Total.....	112	27	55	1	51	246

*Smallpox in Naples.*—During the week ended May 1, 13 cases of smallpox were reported at the health office of the city of Naples.

*Typhus fever in Naples.*—During the week ended May 1, one case of typhus fever was reported at the health office of the city of Naples.

## JAPAN.

## YOKOHAMA—Typhoid Fever in Japan—Inspection of Vessels.

Surgeon Irwin reports, April 23 and 25, and May 2:

An epidemic of typhoid fever is reported at Tokyo, with 600 cases. The sanitary bureau reports 3,320 cases with 700 deaths in the Empire, exclusive of Formosa, from January 1 to date, 135 cases of dysentery with 36 deaths, and 13 cases of smallpox with 3 deaths. At Yokohama since January 1 there have been 33 cases of typhoid fever with 7 deaths; remaining under treatment, 15. The local press reports 2,900,715 rats destroyed in the city of Yokohama during the year 1909.

Week ended April 23. Bills of health were issued to the following-named vessels: Steamships *Amiral Fourichon* for San Francisco, *Aymeric* for Seattle, and *Chicago Maru* for Manila. These vessels carry a total of 193 in crews, 11 cabin passengers, and 12 steerage passengers. Week ended April 30. Bills of health issued to: Steamships *Kamarakura Maru* for Seattle, *Mongolia* for San Francisco, *Siberia* and *Nikko Maru* for Manila, *Aragonia* for New York, and *Strathlorne* for San Francisco. These vessels carried an aggregate of 839 in crews and 400 cabin and 81 steerage passengers. The steamships *Nikko Maru* and *Aragonia* were fumigated.

A case of smallpox was taken at Nagasaki from the steamship *Mongolia*, which sailed from Yokohama April 27, and a further case was taken from the vessel at Kobe. All the usual precautions were observed at both ports.

## KOBE—Inspection of Vessels—Smallpox.

Acting Assistant Surgeon Moore reports, April 20:

Week ended April 16. Supplemental bills of health granted to 8 steamships. Members of crews inspected, 795; steerage passengers, 222. Members of crews bathed, 127; steerage passengers, 9. Pieces of baggage steamed, 321; bedding, 18. Manifests viséed for 52,836 pieces of freight amounting to 4,431 tons. One case of human hair and 4 cases of personal effects were disinfected.

Emigrants were inspected and passed as follows: Per steamship *Asia* for Honolulu, 8; for San Francisco, 1. The emigrants for Honolulu were vaccinated.

The official returns of infectious diseases show 1 case of smallpox in Kobe.

## MEXICO.

## Report from the Superior Board of Health of Mexico.

In compliance with articles 1 and 2 of the International Sanitary Convention held at Washington October 9-14, 1905, the president of the Superior Board of Health of Mexico reports, May 16, that no case of yellow fever and no death from the said disease were registered in the Mexican Republic during the week ended May 14, and that the prophylactic measures reported under date of September 28, 1908, continue to be carried out.

## COATZACOALCOS—Inspection and Fumigation of Vessels.

Acting Assistant Surgeon Thompson reports, May 12:

Week ended May 11. Vessels inspected as follows: May 7, steamships *Croatia* for Norfolk via Mexican ports, and *Californian* for Delaware Breakwater; May 10, steamships *Nicaragua* for Port Arthur, Tex., and *Earnham* for New Orleans. The *Nicaragua* and *Earnham* were fumigated.

## PERU.

## CALLAO—Inspection and Fumigation of Vessels.

Acting Assistant Surgeon Castro-Gutierrez reports, April 26 and May 2:

Week ended April 16. Four steamships with an aggregate personnel of 214 and 111 cabin and 41 steerage passengers were fumigated and dispatched. Week ended April 23. Four steamships with an aggregate personnel of 251 and 102 cabin and 31 steerage passengers fumigated and dispatched. Week ended April 30. One steamship with 94 in crew and 89 cabin and 13 steerage passengers fumigated and dispatched.

Bills of health show 7 cases of smallpox in the lazaretto at Antofagasta April 16, and 23 cases of plague with 11 deaths at Iquique, under date of April 17. The lazaretto at Mollendo, Peru, was closed April 20.

The following report on plague was received from the Direccion de Salubridad Pública:

Locality.	Cases December 17, 1909.	New.	Recovered.	Died.	Remaining December 31, 1909.
Department of—					
Arequipa.....	1		1		
Lambeyque.....	7	24		9	22
Libertad.....	20	10	12	4	14
Lima.....	4	5	4	2	3

There have been no cases of plague at Callao since March 7.

## PHILIPPINE ISLANDS.

## MANILA—Cholera and Smallpox—Inspection of Vessels.

Chief Quarantine Officer Heiser reports, April 2, 8, and 13: Week ended March 26. In the city of Manila 2 cases of cholera with 2 deaths and 8 cases of smallpox were reported; week ended April 2, 5 cases of smallpox; week ended April 9, no quarantinable diseases reported in Manila.

## Cholera in the Provinces.

*Week ended March 26.*

Province.	Cases.	Deaths.
Pampanga.....	4	4
Pangasinan.....	1	1
Total.....	5	5

*Week ended April 2.*

Pampanga.....	9	7
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*Week ended April 9.*

Pampanga.....	4	4
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## Inspection of Vessels.

March 21 the British steamship *Clan MacIver*, with 51 in crew, en route from Iloilo to Delaware Breakwater and New York, granted a supplemental bill of health. Cargo loaded at this port inspected before loading, and manifests for same viséed. March 23 the British steamship *Indravelli*, with 59 in crew and 2 cabin passengers, en route from Shanghai to New York, granted a supplemental bill of health. Cargo inspected prior to loading. Manifests signed. March 23 the United States army transport *Sheridan*, with 194 in crew and 182 cabin passengers, and 888 steerage passengers, granted a bill of health for San Francisco via Nagasaki and Honolulu. Crew and steerage passengers bathed and their effects and baggage disinfected at the Mariveles quarantine station. Vessel partially disinfected. All persons on board inspected at hour of sailing. Cargo inspected and either passed or disinfected, and so labeled. March 24 the British steamship *Changsha*, with 74 in crew and 13 cabin passengers, en route from Hongkong to Australian ports via Zamboanga, granted a supplemental bill of health. March 30 the British steamship *Aymeric*, with 52 in crew and 3 cabin passengers, granted a bill of health for Seattle via Hongkong and Japan ports. Cargo inspected before loading and manifests signed. April 2 the British steamship *Indrawadi*, with 61 crew, en route from Yokohama to New York, granted a supplemental bill of health. Cargo inspected before loading, manifests for same signed, and entire personnel inspected and passed at hour of sailing. April 6 the American steamship *Mongolia*, with 276 in crew and 211 cabin and 23 steerage passengers, granted a bill of health for San Francisco via Hongkong and Japan ports. Cargo loaded at this port, 2,929 packages, inspected and passed before loading, and manifests for same viséed. April 8 the Japanese steamship *Seattle Maru*, with 79 in crew and 1 cabin passenger, granted a bill of health for Tacoma via Hongkong and Japan ports. Cargo inspected and passed before loading. Manifests signed.

## RUSSIA.

## Typhus Fever—Examination of Emigrants.

Acting Assistant Surgeon De Forest at Libau reports, May 6:

Period from April 11 to May 5. At Riga typhus fever was reported with 47 cases and 4 deaths and 159 cases present. In the government of Kischenev the disease is spreading.

A congress for considering measures for combating plague in the government of Astrakhan and the Ural district was in session during the third week in April.

Nine hundred and sixty-nine passengers and 94 members of crew for the steamship *Estonia* sailing May 10 have been examined.

## SIAM.

## Increase of Plague at Bangkok.

The following information was received from the Department of State under date of May 14:

The American chargé d'affaires at Bangkok stated, March 29, that bubonic plague was on the increase at that date and that 20 deaths from plague had occurred during the week previous to the date of the report as compared with 9 during the preceding week.

## ZANZIBAR.

## ZANZIBAR—Examination of Rats for Plague Infection.

Counsul Garrels reports, April 6 and 9:

During the two weeks ended April 7, 1,295 rats were received and examined for plague infection. No plague-infected rats were found.

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.

## Reports Received During Week Ended May 27, 1910.

[These tables include cases and deaths recorded in reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from American consuls through the Department of State and from other sources.]

## CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Rangoon.....	Apr. 3-9.....		2	
Philippine Islands:				
Manila.....	Mar. 20-26.....	2	2	
Provinces—				
Pampanga.....	Mar. 20-Apr. 9....	17	15	-
Pangasinan.....	Mar. 20-26.....	1	1	

## YELLOW FEVER.

Brazil:				
Manaos.....	Apr. 10-23.....		6	
Para.....	Apr. 24-30.....	7	5	

## PLAGUE.

Chile:				
Iquique.....	Apr. 10-17.....	12	5	
China:				
Amoy.....	Apr. 10-16.....		1	
India:				
Rangoon.....	Apr. 3-9.....		41	
Japan:				
Formosa.....	Apr. 3-9.....		1	
Peru:				
Lambayeque department..	Dec. 17-31.....	24	9	
Libertad department.....	Dec. 17-31.....	10	4	
Lima department.....	Dec. 17-31.....	5	2	

## SMALLPOX.

Austria:				
Galicia.....	Apr. 24-30.....	1		
Canada:				
Halifax.....	May 8-14.....	2		
Ceylon:				
Colombo.....	Apr. 3-9.....	1		
Chile:				
Antofagasta.....	Apr. 16.....			7 cases lazaretto.
Valparaiso.....	Apr. 13.....			Present.
China:				
Amoy, Kulangsu.....	Apr. 16.....			Do.
Hankow.....	Apr. 3-9.....	1		
Hongkong.....	Mar. 27-Apr. 2....	3	2	
Shanghai.....	Apr. 4-17.....	2	19	Deaths among natives.
Tsingtau.....	Apr. 3-9.....	4		
Egypt:				
Cairo.....	Apr. 17-23.....	1	2	
Germany, general.....	Apr. 24-30.....	9		
India:				
Kurrachee.....	Apr. 9-16.....		1	
Rangoon.....	Apr. 3-9.....		22	
Italy, general.....	Apr. 25-May 1....	11		
Naples.....	Apr. 25-May 1....	13		
Japan:				
Formosa.....	Apr. 3-16.....	5	1	
Kobe.....	Apr. 10-16.....	1		



## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

## Reports Received During Week Ended May 27, 1910.

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Mexico:				
Acapulco.....	Apr. 17-23.....	1		In vicinity in a R. R. camp.
Aguascalientes.....	May 1-7.....	7		
Mexico.....	Apr. 3-9.....		2	
Philippine Islands:				
Manila.....	Mar. 20-Apr. 2....	13		
Portugal:				
Lisbon.....	Apr. 25-30.....	27		
Russia:				
Libau.....	Apr. 25-May 1....	10		
Odessa.....	Apr. 24-30.....	38	9	
Riga.....	Apr. 17-30.....	7		
Spain:				
Valencia.....	Apr. 24-30.....	1		
Vigo.....	Apr. 24-30.....		1	

## Reports Received from January 1 to May 20, 1910.

[For reports received from June 25, 1909, to December 31, 1909, see PUBLIC HEALTH REPORTS for December 31, 1909. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

## CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Ceylon:				
Colombo.....	Feb. 13-Mar. 12...	6		
Germany:				
Heydekrug.....	Nov. 19-Dec. 4....	2		
Niedrung.....	Nov. 16-22.....	1		
India:				
Bombay.....	Nov. 24-Apr. 19....		26	
Calcutta.....	Nov. 14-May 2.....		872	
Madras.....	Jan. 1-Apr. 1.....		5	
Moulmine.....	Jan. 22-Mar. 12....		15	
Negapatam.....	Jan. 30-Mar. 21....		41	
Rangoon.....	Nov. 14-Mar. 19....		49	
Java:				
Batavia.....	Nov. 14-Mar. 12....	389	111	
Samarang.....	Feb. 20-Mar. 5....	50	35	Feb. 1-28, 216 cases.
Soerabaya.....	Mar. 1-31.....	80	70	
Norway:				
Friedershalld.....	Dec. 31-Jan. 3....	1	1	From a vessel from Riga.
Persia:				
Astara.....	Dec. 1-15.....	36	22	
Philippine Islands:				
Manila.....	Nov. 7-Mar. 12....	134	98	Third quarter, 1909. Cases, 82; deaths, 61.
Provinces.....				Third quarter, 1909. Cases, 3,946; deaths, 2,609.
Albay.....	Nov. 7-20.....	6	6	
Bataan.....	Nov. 7-Feb. 26....	216	156	
Bohol.....	Nov. 7-Feb. 26....	50	32	
Bulacan.....	Nov. 7-Mar. 19....	33	27	
Camarines.....	Nov. 7-20.....	5	5	
Capiz.....	Nov. 21-Dec. 18....	3	2	Jan. 1-Feb. 12, 50 cases from a coasting vessel.
Cavite.....	Nov. 7-Mar. 19....	108	80	Nov. 20, 1 case on s. s. Yaptico.
Cebu.....	Nov. 7-Feb. 12....	333	251	
Laguna.....	Dec. 19-25.....	4	4	
Leyte.....	Nov. 21-Jan. 15....	36	32	
Misamis.....	Jan. 16-Feb. 19....	42	40	
Oriental Negros.....	Nov. 7-20.....	10	5	
Pampanga.....	Nov. 7-Mar. 19....	266	100	
Pangasinan.....	Mar. 13-19.....	1	1	
Rizal.....	Nov. 7-Jan. 22....	11	7	
Tarlac.....	Nov. 7-13.....	9	5	
Russia, general.....	Nov. 21-Jan. 29....	440	203	
Baku, government.....	Nov. 21-Dec. 25....	22	22	
Baku.....	Nov. 21-Jan. 22....	28	18	
Don, territory.....	Nov. 28-Jan. 29....	19	12	
Ekaterinslav, government.....	Nov. 21-Jan. 29....	25	8	
Jaroslavl, government.....	Nov. 21-27.....		1	
Kaluga.....	Dec. 26-Jan. 1....	1		

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from January 1 to May 20, 1910.

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia—Continued.				
Kherson.....	Jan. 23-29.....	3	6	
Kostroma, government.....	Nov. 21-27.....	3	4	
Kovna, government.....	Nov. 21-27.....	8	3	
Kursk, government.....	Nov. 21-Dec. 11....	6	.....	
Moscow, government—				
Moscow.....	Nov. 29-Jan. 22....	256	115	
Novotscherkask.....	Mar. 18.....	2	2	
Pskov, government.....	Nov. 21-27.....	10	.....	
St. Petersburg, government	Nov. 21-Dec. 18....	14	12	
St. Petersburg.....	Nov. 21-Jan. 1.....	53	12	
Taurida, government.....	Nov. 21-Dec. 25....	66	28	
Vitebsk, government.....	Nov. 21-27.....	2	.....	
Siam:				
Bangkok.....	Oct. 28-Mar. 18....	17	17	
Siberia:				
Vladivostok.....	Nov. 16-21.....	1	.....	
Straits Settlements:				
Singapore.....	Dec. 19-Jan. 15....	.....	4	
Sumatra:				
Palembang.....	Sept. 20-Oct. 20....	936	675	

## YELLOW FEVER.

Brazil:				
Manaos.....	Nov. 21-Apr. 9.....	.....	71	
Para.....	Nov. 28-Apr. 23....	131	123	
Ecuador:				
Babahoyo.....	Jan. 1-Mar. 31.....	6	2	
Guayaquil.....	Dec. 1-Apr. 15....	170	64	
Gold Coast:				
Sekondi.....	May 16.....	.....	.....	Present.
Trinidad:				
Port of Spain.....	Apr. 10-12.....	2	.....	
Peru:				
Callao.....	Nov. 2-Dec. 2.....	1	1	From s. s. Loa.
Mexico:				
Yucatan—				
Merida.....	Dec. 20-21.....	1	1	
Santa Cruz de Bravo...	Dec. 20.....	1	1	
Nicaragua:				
Managua.....	Jan. 14-20.....	.....	1	
Panama:				
Canal Zone—				
Ancon.....	Jan. 24.....	.....	1	At Ancon Hospital, from s. s. Barbadian.
Culebra Island.....	Mar. 1-8.....	1	1	At Culebra quarantine station, from s. s. Huallago.
Portugal:				
Lisbon.....	Apr. 3.....	.....	.....	Eight cases and 4 deaths on s. s. Rugia from Manaos and Para; 4 cases placed in quarantine.
Trinidad:				
Port of Spain.....	Nov. 28-Dec. 4....	1	1	
Venezuela:				
La Guaira.....	Mar. 1-Apr. 16....	6	6	

## PLAGUE.

Arabia:				
Aden.....	Jan. 21-23.....	1	1	From an Austrian mail steamer from Bombay.
Brazil:				
Bahia.....	Nov. 20-Mar. 18....	61	35	
Para.....	Nov. 28-Apr. 23....	14	11	
Pernambuco.....	Oct. 15-Mar. 15....	.....	26	
Rio de Janeiro.....	Nov. 2-Jan. 23....	16	2	
Santos.....	Nov. 1-Dec. 29....	5	3	One case from bark Amazone, Dec. 1. Feb. 2, present.
Chile:				
Antofagasta.....	Mar. 19.....	4	.....	Apr. 2, 4 cases in the lazaretto.
Iquique.....	Jan. 1-Apr. 9.....	92	32	
Taltal.....	Jan. 15.....	2	1	

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

## Reports Received from January 1 to May 20, 1910.

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy.....	Apr. 15.....			Present.
Hankow.....	Nov. 27-Dec. 7....	20	20	Feb. 1, again present.
Hongkong.....	Nov. 21-27.....	1	1	
Ecuador:				
Babahoyo.....	Dec. 16-Feb. 15....	18	6	
Guayaquil.....	Dec. 1-Apr. 15....	259	100	
Milagro.....	Jan. 1-Mar. 31....	23	9	
Egypt:				
Alexandria.....	Nov. 19-Apr. 22....	10	5	
Port Said.....	Nov. 30-Dec. 22....	2	1	
Provinces—				
Assiout.....	Sept. 29-Apr. 22....	130	46	
Beherach.....	Dec. 8-14.....	1		
Beni Souef.....	Dec. 16-Apr. 22....	35	15	
Fayoum.....	Jan. 20-Apr. 22....	24	19	
Gallioobeh.....	Jan. 11-Apr. 22....	15	9	
Garbieh.....	Feb. 2-Mar. 18....	14	11	
Girzeh.....	Dec. 19-Apr. 1....	3	1	
Ghizeh.....	Dec. 19-Jan. 2....	2	2	
Kena.....	Feb. 3-Apr. 22....	50	52	
Menouf.....	Nov. 28-Dec. 15....	17	6	
Minieh.....	Dec. 21-Apr. 22....	59	30	
German East Africa:				
Mpwapwa.....	Sept. 19-Oct. 5....	7		
Hawaii:				
Hilo.....	Mar. 12-22.....	4	4	
Honokaa.....	Mar. 14-15.....	2	2	
India:				
Bombay.....	Dec. 27-Apr. 19....		1,547	
Calcutta.....	Nov. 20-May 2....		321	
Kurrachee.....	Dec. 19-Apr. 16....	869	844	
Rangoon.....	Nov. 13-Apr. 3....		138	
Bombay Presidency and Sind.....	Nov. 7-Mar. 19....	20,573	14,461	
Madras Presidency.....	Nov. 7-Mar. 19....	1,329	942	
Bengal.....	Nov. 7-Mar. 19....	28,017	22,959	
United provinces.....	Nov. 7-Mar. 19....	93,311	86,809	
Punjab.....	Nov. 7-Mar. 19....	54,798	46,107	
Burma.....	Nov. 7-Mar. 19....	3,220	2,830	
Central provinces, including Berar.....	Nov. 7-Mar. 19....	22,317	17,689	
Cooch.....	Nov. 14-27.....	5	1	
Mysore State.....	Nov. 7-Mar. 19....	1,913	1,421	
Hyderabad State.....	Nov. 7-Mar. 19....	453	371	
Central India.....	Nov. 7-Mar. 19....	1,406	931	
Rajputana and Ajmer-Merwara.....	Nov. 7-Mar. 19....	12,183	10,562	
Kashmir.....	Nov. 7-Mar. 19....	404	235	
Grand total.....		239,929	205,318	
Indo-China:				
Saigon.....	Nov. 7-Dec. 25....	5	4	
Japan:				
Formosa.....	Mar. 20-Apr. 2....	2	1	
Kobe.....	Nov. 28-Apr. 9....	27	22	
Osaka.....	Jan. 1-31.....	2		
Shikoku Island.....	Jan. 30-Feb. 5....	1		
Paraguay.....	Dec. 10.....		30	In the northern part. Feb. 21, endemic.
Peru:				
Arequipa, department.....	Dec. 10-16.....	1		
Mollendo.....	Dec. 20-Mar. 17....	14	5	
Callao, department—				
Callao.....	Jan. 17-Feb. 7....	5		
Lambayeque, department.....	Oct. 1-Dec. 16....	39	13	
Pacasmayo.....	Mar. 19.....			Present.
Libertad, department.....	Nov. 19-Dec. 16....	32	3	
Lima, department.....	Oct. 22-Dec. 16....	10	6	
Lima.....	Feb. 11-25.....	1		In lazaretto from s. s. Ammon.
Pisco.....	Feb. 19.....	1		From s. s. Ammon.
Persia:				
Bouchir.....	Mar. 24-Apr. 2....	2	1	
Mauritius.....	Dec. 18-Jan. 27....	120	70	
Russia:				
Astrakan, government.....	Dec. 5-Feb. 27....	134	120	
Naourzali-Tehagil.....	Jan. 17-Feb. 2....	26	26	
Beiskulak.....	Dec. 10-16.....	18	16	

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

## Reports Received from January 1 to May 20, 1910.

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia—Continued.				
Bodai.....	Feb. 14-Mar. 1....	23	21	Present.
Dshedda.....	Jan. 7.....			
Liban.....	Dec. 3-Mar. 18....	4	4	
Novala-Kazanka.....	Feb. 20-Mar. 3....	13	11	
Uralsk, district.....	Nov. 25-Jan. 12....	260	202	
Siam:				
Bangkok.....	Oct. 28-Mar. 28....	78	72	Epidemic.
Phrapatom.....	Feb. 15.....			
Straits Settlements:				
Singapore.....	Dec. 25-Jan. 1....	2		
Trinidad:				
Port of Spain.....	Apr. 20-27.....	3		On plantation 10 miles from city.
Turkey in Asia:				
Bassorah.....	Apr. 27.....			Present.
Beirut.....	Nov. 29-Apr. 9....	4	1	
Jiddah.....	Jan. 5-Apr. 3.....	65	63	
Venezuela:				
Puerto Cabello.....	Feb. 24.....	2		
Zanzibar.....	Nov. 9-17.....	2	2	

## SMALLPOX.

Abyssinia:				
Adis Ababa.....	Feb. 19-Apr. 9....			Present.
Arabia:				
Aden.....	Feb. 15-21.....		1	Do.
Maskat.....	Apr. 3-9.....			
Algeria, general.....	Dec. 1-15.....	22		
Algiers.....	Nov. 1-Jan. 31....		3	
Bona.....	Dec. 1-Feb. 28....	12	9	
Argentina:				
Buenos Aires.....	Oct. 1-Jan. 31....		158	
Rosario.....	Dec. 1-31.....		1	
Austria:				
Bohemia.....	Feb. 20-Apr. 2....	4		
Galicia.....	Jan. 1-Apr. 16....	20		
Silesia.....	Apr. 10-16.....	1		
Vienna.....	Jan. 9-29.....	2		
Brazil:				
Bahia.....	Nov. 20-Mar. 25....	440	296	
Para.....	Jan. 31-Mar. 5....	1		
Pernambuco.....	Oct. 16-Mar. 15....		461	
Rio de Janeiro.....	Nov. 2-Feb. 27....	25	1	
Sao Paulo.....	Nov. 1-21.....		2	
Canada:				
British Columbia—				
Vancouver.....	Jan. 1-Mar. 31....	7		
Victoria.....	Apr. 24-30.....	1		
Nova Scotia—				
Halifax.....	Dec. 19-May 7....	18		
Windsor.....	Dec. 1-Jan. 31....	40		
Ontario—				
Hamilton.....	Apr. 10-16.....	1		
Port Arthur.....	Mar. 11-19.....	5		
Toronto.....	Jan. 2-May 17....	11		
Ceylon:				
Colombo.....	Feb. 6-Mar. 5....	7		
Chile:				
Antofagasta.....	Jan. 1.....			Present. Feb. 12, 8 cases in lazaretto.
Quillota.....	Nov. 28-Dec. 4....			Present.
Valparaiso.....	Mar. 26-Apr. 16....	8		Nov. 20-Jan. 1, present.
China:				
Amoy, Kulangsu.....	Nov. 28-Apr. 2....		19	Present.
Canton.....	Dec. 12-Mar. 26....	150	17	
Chang Cheun.....	Dec. 11.....			Do.
Chio Be.....	Dec. 11.....			
Hankow.....	Jan. 2-Mar. 26....	7	3	Dec. 19-Feb. 26, present among natives.
Hongkong.....	Feb. 5-Mar. 26....	15	5	Feb. 19, 1 case from a steamship from Amoy.
Nankin.....	Feb. 20-26.....		1	Mar. 12, present.
Shanghai.....	Nov. 1-Apr. 3....	9	54	Deaths among natives.
Swatow.....	Apr. 6.....			Epidemic. Feb. 19, 1 death from a steamship from Amoy.

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from January 1 to May 20, 1910.

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Cuba:				
Habana.....	Dec. 3-9.....	1		From s. s. La Navarre.
Ecuador:				
Guayaquil.....	Jan. 1-31.....	3		
Egypt, general.....	Nov. 5-Feb. 18.....	749	187	
Alexandria.....	Nov. 5-Jan. 21.....	20	19	
Cairo.....	Nov. 26-Apr. 22.....	38	10	
Port Said.....	Mar. 19-Apr. 22.....	3		
France:				
Nantes.....	Jan. 1-Mar. 31.....	2		
Paris.....	Dec. 5-Apr. 23.....	156	18	
Germany, general.....	Dec. 5-Apr. 23.....	168		
Bremen.....	Feb. 27-Apr. 2.....	2		
Konigsberg.....	Dec. 12-Jan. 15.....	2	2	In vicinity.
Great Britain:				
Bristol.....	Feb. 6-Mar. 26.....	4		Mar. 13-26. 2 cases on steamship from Bombay.
Glasgow.....	Apr. 23-29.....	1		
Greenock.....	Feb. 6-12.....	1		
Hull.....	Jan. 16-Apr. 30.....	2	1	
Liverpool.....	Dec. 19-Apr. 9.....	10		
London.....	Nov. 28-Mar. 5.....	21		
Newcastle-on-Tyne.....	Feb. 13-Mar. 5.....	3	1	
Nottingham.....	Jan. 16-Apr. 16.....	5	1	
Plymouth.....	Nov. 12-18.....		1	
Sheffield.....	Mar. 27-Apr. 9.....	5	1	
Southampton.....	Nov. 12-18.....	1		
South Shields.....	Feb. 13-19.....	1		
Greece:				
Athens.....	Nov. 22-Mar. 26.....		21	
Hawaii:				
Honolulu.....	Jan. 31-Apr. 15.....	5	1	2 cases Jan. 31 from U. S. S. Washington from Yokohama. 1 case Feb. 2 on s. s. Makura. 1 case Apr. 9 on s. s. Manchuria from the Orient. Case Apr. 15 on U. S. S. Albatross from Yokohama.
India:				
Bombay.....	Nov. 24-Apr. 19.....		747	
Calcutta.....	Nov. 14-May 2.....		22	
Kurrachee.....	Jan. 2-Apr. 9.....	22	5	
Madras.....	Dec. 18-Apr. 15.....		7	
Rangoon.....	Nov. 20-Apr. 22.....		236	
Indo-China:				
Saigon.....	Dec. 7-13.....	1		
Italy, general.....	Nov. 29-Apr. 22.....	374		
Genoa.....	Dec. 1-Mar. 15.....	20	1	
Milan.....	Jan. 1-16.....	1		
Naples.....	Dec. 6-Apr. 24.....	323	54	
Japan:				
Formosa.....	Feb. 6-Apr. 2.....	95	2	
Kobe.....	Dec. 12-Apr. 16.....	2	1	
Nagasaki.....	Apr. 6.....	1		On s. s. Asia from Hongkong.
Yokohama.....	Mar. 22-Apr. 12.....	2		Mar. 22, 1 case on s. s. Ferd. Laeisz from Hamburg. Apr. 12, 1 case from s. s. Asia, from Hongkong, via Nagasaki.
Java:				
Batavia.....	Dec. 12-Feb. 12.....	9	1	
Korea:				
Fusan.....	Jan. 26-Mar. 12.....	9	2	
Imyokyo.....	Feb. 26.....			Present.
Liberia:				
Monrovia.....	Nov. 28-Dec. 4.....	6		
Malta:				
Valetta.....	Dec. 12-Apr. 16.....	4	1	
Manchuria:				
Tie-ling.....	Feb. 19.....			Do.
Mexico:				
Aguascalientes.....	Dec. 12-Apr. 30.....		65	
Chihuahua.....	Dec. 13-Mar. 27.....	16	9	
Guadaluajara.....	Jan. 29-Apr. 30.....		8	
Manzanillo.....	Mar. 1-6.....	5		
Mexico.....	Nov. 14-Apr. 2.....		24	
Monterey.....	Nov. 13-Apr. 10.....		4	
Rincon Viejo.....	Mar. 1-31.....			Do.
Santo Domingo.....	Mar. 1-31.....			Do.
Veracruz.....	Feb. 13-19.....	1		

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

## Reports Received from January 1 to May 20, 1910.

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Newfoundland:				
St. John's.....	Apr. 3-9.....	1		
New Providence:				
Nassau.....	Apr. 2.....	1		From s. s. Vigilancia.
Netherlands:				
Rotterdam.....	Dec. 5-11.....	7		
Persia:				
Arabistan.....	Dec. 6-31.....			Present.
Bender Gez.....	Feb. 20-Mar. 13.....			Do.
Enzeli.....	Jan. 9-Feb. 2.....			Do.
Hamadan.....	Nov. 15-Dec. 31.....			Do.
Kasbin.....	Jan. 5-Feb. 3.....			Do.
Kurdistan.....	Dec. 6-31.....			Do.
Laristan.....	Dec. 9-15.....			Do.
Mohammerah.....	Jan. 9-Feb. 2.....			Do.
Sultanabad.....	Nov. 15.....			Do.
Teheran.....	Nov. 1-Dec. 2.....			Do.
Peru:				
Callao.....	Dec. 6-12.....			Do.
Philippine Islands:				
Manila.....	Nov. 14-Mar. 19.....	57		Third quarter, 1909, cases, 5; deaths, 0.
Portugal:				
Lisbon.....	Dec. 5-Apr. 23.....	418		
Porto Rico, general.....	July 1-Dec. 31.....	72	12	
Russia:				
Batoum.....	Dec. 1-31.....	5		
Libau.....	Dec. 6-Apr. 24.....	75	6	
Moscow.....	Nov. 21-Apr. 16.....	374	124	
Odessa.....	Nov. 21-Apr. 16.....	602	114	
Riga.....	Dec. 5-Apr. 16.....	63		Oct. 1-Feb. 28, 28 deaths.
St. Petersburg.....	Nov. 28-Apr. 16.....	908	254	
Saratov.....	Mar. 19-25.....			Epidemic.
Warsaw.....	Oct. 24-Feb. 26.....		272	
Siam:				
Bangkok.....	Nov. 28-Mar. 28.....	13	12	
Siberia:				
Vladivostok.....	Jan. 15-Feb. 13.....	6	2	
Spain:				
Almeria.....	Jan. 1-Mar. 31.....		22	
Barcelona.....	Dec. 14-May 2.....		45	
Cadiz.....	Jan. 1-31.....		1	
Huelva.....	Nov. 1-Mar. 30.....		21	
Madrid.....	Dec. 1-Mar. 31.....		65	Report for February not received.
Seville.....	Dec. 1-Mar. 31.....	18		
Tarragona.....	Feb. 20-26.....		1	
Valencia.....	Jan. 9-Apr. 23.....	23		
Vigo.....	Jan. 23-Mar. 19.....		2	Mar. 5-19, present in vicinity.
Straits Settlements:				
Singapore.....	Jan. 22-Mar. 26.....		13	
Tripoli:				
Tripoli.....	Nov. 14-Dec. 25.....	242	24	
Turkey:				
Constantinople.....	Jan. 2-Feb. 6.....		2	
Turkey in Asia:				
Bagdad.....	Nov. 21-Feb. 26.....			Present.
Salonica.....	Jan. 1-31.....		3	
Smyrna.....	Nov. 5-Dec. 31.....		42	
Trebizond.....	Mar. 5.....			Do.
Uruguay:				
Montevideo.....	Oct. 1-Feb. 28.....		124	Feb. 1-28, 99 cases.
Venezuela:				
La Guaira.....	Mar. 1-15.....	1		

**WEEKLY MORTALITY TABLE, FOREIGN AND INSULAR CITIES.**

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Aix-la-Chapelle.	Apr 16	161,934	61	7										
Do.	Apr. 23		68	8					1		2			2
Amoy.	Apr. 16	400,000			1									
Amsterdam.	May 7	509,948	127	20										
Antwerp.	Apr. 30	326,351	64	5										
Barranquilla	do.	40,000	21											
Belfast.	do.	391,167	173	31						3				
Berlin.	Apr. 16	2,123,718	610	84								1	20	4
Birmingham.	May 7	570,113	139						1	9	10	10	5	8
Bordeaux.	Apr. 16	253,000	116	18					1	1	2	2		2
Do.	Apr. 23		104	17					1	1	1	1		2
Do.	Apr. 30		97	15					2	2	1			2
Bradford.	do.	295,865	88	4					1				10	
Do.	May 7		86	4										3
Bremen.	Apr. 30	235,648	79	17						1	1	6	1	1
Brussels.	do.	562,895	196	16					1		1	3	3	1
Budapest.	May 1	950,610							1	5	1	10	3	
Cairo.	Apr. 29	677,693					2	7	2		5	13		
Canton.	Apr. 2	1,000,000	120	10					2	2		3		
Do.	Apr. 9		110	10			2		2					
Chemnitz.	Apr. 23	281,000	66	11						2		3	1	
Do.	May 1		87	6						1				
Chihuahua.	May 8	37,000	47	2					1			3		
Coburg.	Apr. 30	23,651	6	1					1		1			
Cologne.	Apr. 23	511,353	140	19					1	1		3		9
Do.	Apr. 30		153	19							5	6	2	1
Colombo.	Apr. 9	187,564	66	6					2					
Constantinople.	May 1	1,000,000	210	30					2			2	1	
Do.	May 8		190	22					2		1			
Copenhagen.	Apr. 23	455,000	123	17						3				1
Dublin.	Apr. 16	394,525	183	31					2	1				2
Do.	Apr. 23		200	49							2			5
Do.	Apr. 30		193	37					2			25		4
Dundee.	May 7	170,206	80	6						1		1		1
Edinburgh.	Apr. 30	360,276	111	13										
Erfurt.	Apr. 23	109,168	32	3					1					
Do.	Apr. 30		39	5					1		2			1
Frankfort.	Apr. 23	406,000	131						1		3	2		3
Do.	Apr. 30		110								4			
Geneva.	Apr. 23	121,500	33								2			
Ghent.	Apr. 30	165,475	57	5								1		1
Glasgow.	May 6	872,021	280						1	3		5		2
Hamburg.	Apr. 30	895,804	238	31							10	3		1
Havre.	do.	132,430	43	11										
Hilo.	do.	3,500	5	2							1			
Hull.	May 7	280,066	67									2		1
Kobe.	Apr. 23	387,915	123						2					
Konigsberg.	do.	244,170	93	10						1		1		
Leeds.	May 7	490,985	134	18						1	1	2		6
Leipzig.	Apr. 23	590,329	21						1	1	2			
Do.	Apr. 30		143	22					1	1	1			2
Liege.	Apr. 23	177,055	51	5								1		
Liverpool.	May 7	767,606	275	23					2	4	1	13		15
London.	Apr. 30	7,537,196	1,707						2	3	14	49		50
Lyon.	do.	500,000	185	32							2	5		
Lubeck.	do.	96,000	30	1					1		2			
Madras.	Apr. 15	550,000	364				4					8		1
Magdeburg.	Apr. 23	277,400	86	8							1			
Manaos.	Apr. 16	52,000	44	5			2							
Do.	Apr. 23		36	3			4							
Manchester.	Apr. 30	631,533	229	28					1	1		6		2
Mannheim.	Apr. 16	193,805	54	11										1
Do.	May 3		45	7						1				1
Mexico.	Apr. 9	500,000	412	22										
Monterey.	May 8	100,000	76	5				2	16			4		1
Montreal.	May 14	530,000	145	20						3		5		
Munich.	Apr. 23	576,000	183	28					2	3	3	2		7
Nagovo.	Apr. 9	389,761	151						3	1	1	4		
Do.	Apr. 16		143								2			



## MORTALITY—Continued.

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—								
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.
Nantes.....	May 1	161,908	64	13						1		
Naples.....	Apr. 30	593,729	283							1		
Newcastle-on-Tyne.....	do.	285,891	61								1	1
Nuremberg.....	Apr. 2	323,500	121	19						2		1
Do.....	Apr. 16		85	20							10	2
Odessa.....	Apr. 23	520,000	176	23			9	1	2	7	2	4
Para.....	Apr. 30	185,000	77	2			5					
Port Said.....	Apr. 29	52,591	30	5					1			
Prague.....	Apr. 23	233,344	85	16							1	2
Do.....	Apr. 30		90	24							1	2
Rangoon.....	Apr. 9	252,155	217	11	41	2	22					
Rotterdam.....	May 7	420,171	123								1	
Santa Cruz de Tenerife.....	Apr. 30	46,000	36	4					1	5	4	
Shanghai.....	Apr. 10	165,000	161	11			10			4		
Do.....	Apr. 17		178	16			9			2	1	
Do.....	Apr. 24		155	13			10			11	3	
Smyrna.....	Mar. 25	400,000	85	12								
Do.....	Apr. 2		87	11					1		1	
Do.....	Apr. 9		64	15					1			
Do.....	Apr. 16		96	26					2	2		
South Shields.....	Apr. 23	119,737	22	5								3
Do.....	Apr. 30		34	7						5		3
Stettin.....	Apr. 23	239,000	71	5						1	3	
Do.....	Apr. 30		88	4					1	2	1	1
Stockholm.....	Apr. 16	341,816	144	17					1	9	6	12
Do.....	Apr. 23		123	24						1	4	8
Sunderland.....	Apr. 30	160,796	41							1		4
Trieste.....	Apr. 23	221,124	87						1	1		3
Do.....	Apr. 30		93						1			2
Valencia.....	do.	240,000	87	7					1		2	
Vienna.....	do.	2,107,981	727	125					3	3	8	31
Vigo.....	do.	40,000	15	4			1		3			
Winnipeg.....	May 7	122,000	26	1						1		
Do.....	May 14		41								1	
Yokkaichi.....	May 26	389,761	141								2	
Do.....	Apr. 9		12	1								1
Do.....	Apr. 23		7	1								
Yokohama.....	Apr 25	497,432									3	

MORTALITY—FOREIGN AND INSULAR—COUNTRIES AND CITIES  
(untabulated).

FORMOSA.—Four weeks ended April 9, 1910. Population, 3,132,335. Total number of deaths from all causes not reported. Two deaths from typhoid fever, 3 from smallpox, and 2 from plague reported.

FRANCE—*Marseille*.—Month of April, 1910. Population, 517,498. Total number of deaths from all causes 938, including typhoid fever 9, measles 14, scarlet fever 4, diphtheria 2, tuberculosis 133.

GREAT BRITAIN.—Week ended April 23, 1910.

ENGLAND AND WALES.—The deaths registered in 77 great towns correspond to an annual rate of 13.7 per 1,000 of the aggregate population which is estimated at 16,940,895.



*Ireland.*—The deaths registered in 21 principal town districts correspond to an annual rate of 22.4 per 1,000 of the population which is estimated at 1,151,790. The lowest rate was recorded at Ballymena, viz, 4.8, and the highest at Drogheda, viz, 45.

*Scotland.*—The deaths registered in 8 principal towns having an aggregate estimated population of 1,891,936, correspond to an annual rate of 17.4 per 1,000 of the population. The lowest rate was recorded at Paisley, viz, 11.7, and the highest at Dundee, viz, 32.8 per 1,000. The total number of deaths from all causes was 630, including measles 44, scarlet fever 5, diphtheria 2.

*JAMAICA.*—Month of April, 1910. Population, 48,500. Total number of deaths from all causes 150, including tuberculosis 15.

*PORTUGUESE EAST AFRICA—Lourenço Marquez.*—Month of March, 1910. Population, 10,000. Total number of deaths from all causes 49, including tuberculosis 5.

*TAHITI.*—Five weeks ended April 9, 1910. Population, 4,000. Total number of deaths from all causes 2. No deaths from contagious diseases reported.

*SPAIN—Huelva.*—Month of March, 1910. Population, 24,000. Total number of deaths from all causes 84, including typhoid fever 3, smallpox 2, tuberculosis 9.

By authority of the Secretary of Treasury:

WALTER WYMAN,

Surgeon-General,

*United States Public Health and Marine-Hospital Service.*



